

M
656
1818M

JOURNAL

of A

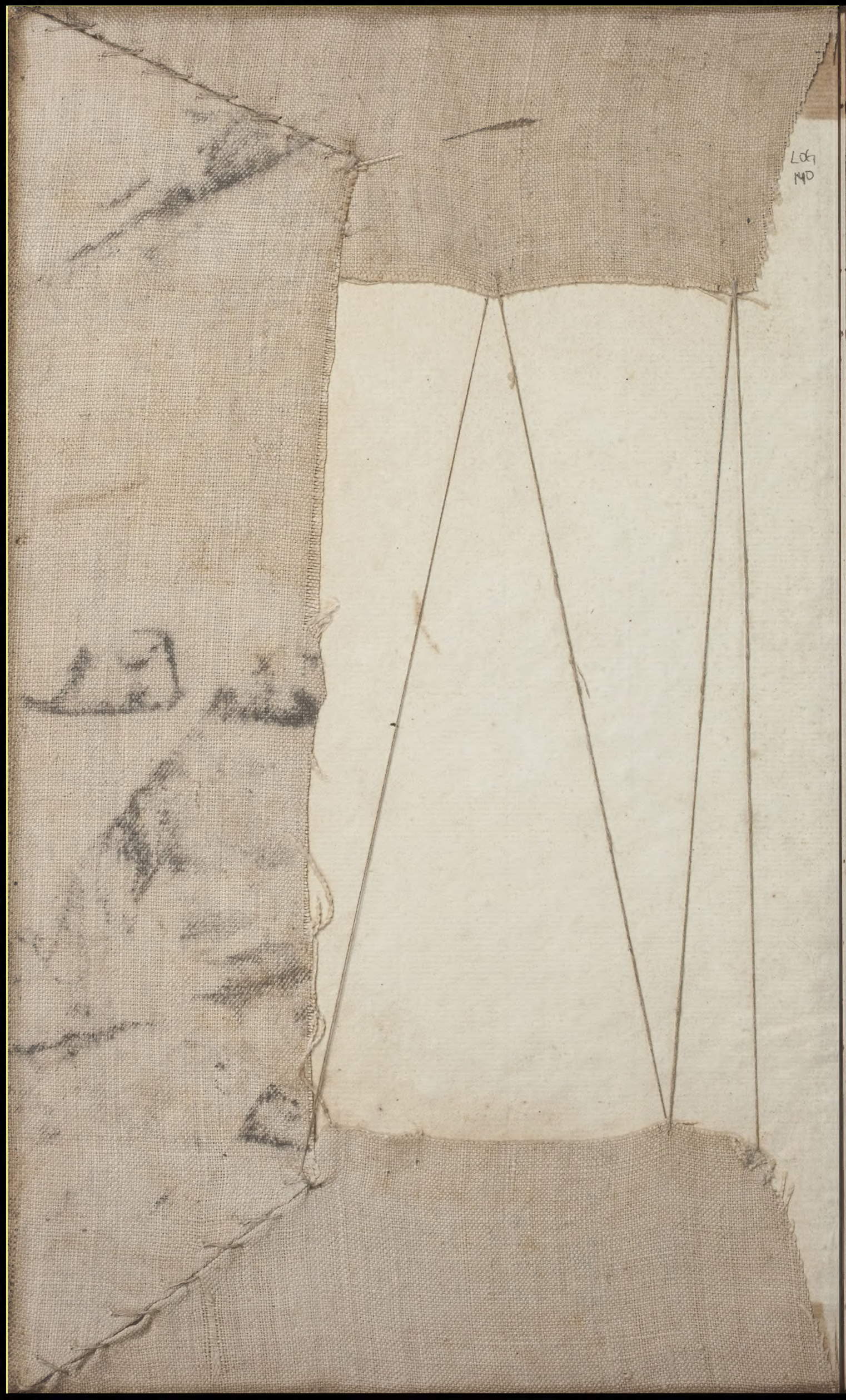
VOYAGE FROM

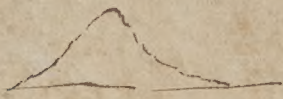
Shanghai to Canton

and back

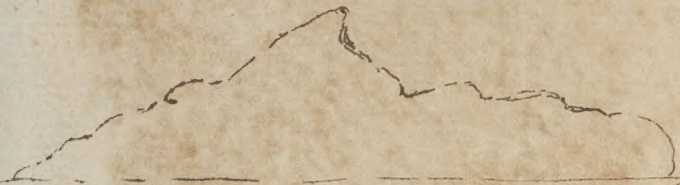
to
Boston.

207





Gasper Island Dist 25 miles.



Gasper Island Dist 6 miles.

The pan of Mantanzas. is high land a little rounding on top. bring it to bear S by E and it shows two hills one to the Eastward & the other to the Westward.

Journal of a Voyage
from
Salem towards Canton
& back
to Boston began Sept 13th 1818
& terminated on Sept 8th 1819 -

Ship *Midas* from *Jerusalem* towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1				S.E.		At 9 A.M. took the pilot on board and weighed our anchor and beat out At 12 the Pilot left us.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1				S.E.		Begins With fresh Gale and Cloudy Weather at 2 P.M. Took in top Gallant sails at 4 single Viced the top sails At 5 Thatcher's Island Lights bore N.W. by W. $\frac{1}{2}$ W distance 3 miles from which I take a departure at 8 out all Regd
2						
3	3	1	E by N		$\frac{1}{2}$ M	
4	3	1				
5	7					
6	7					
7	5					
8	4					
9	4	1				
10	5	1				
11	5	1				
12	5	1				
1	6	1	S by W			
2	6	1				
3	6					
4	6					
5	6		E by N			
6	6					
7	6					
8	6					
9	6		E by N			
10	5	1				
11	3					
12	2					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 69	16	67	42	56		$\frac{1}{2}$ W	90	69	

Midas from Salem towards Canton.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sept 15 th 1818
1	2		East.	S		Begins With fresh Gale and Cloudy Weather
2	2		ESE.			
3	2					
4	1	1				
5	2	1	SE by E.			No Ends the Day
6	3					
7	4					
8	4					
9	3	1				Spoke the Brig Trader
10	3		ESE.			
11	2	1				
12	2	1				
1	2					
2	1	1				
3	1	1				
4	1					
5	2		SSE.			
6	2	1				
7	2	1	South.			
8	3	1	ESE.			
9	6		E by N.			
10	7					
11	7		East.			
12	6	1				

Latitude by Ob.ⁿ 42° 45'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 79 E	68'	13'	67	42 43'	42 45'	1/2 W	1° 31'	68° 33'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on board Sept 16 1818
1	6	1	East.	SSE		Begins With fresh Gales & Pleasant Weather No Ends
2	6	1				
3	6	1				
4	6	1				
5	7	1	E 1/2 S.			
6	7					
7	6	1	E by S 1/2 S			
8	6	1				
9	5	1	SE by E.			
10	5	1				
11	7	1	SE East.			
12	7					
1	7					
2	9					
3	9					
4	9	1				
5	9					
6	8	1				
7	9					
8	8	1	ESE.			
9	8	1				
10	7	1				
11	6	1				
12	6	1				

Latitude Ob.ⁿ 41° 54'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 71 E	170	56'	161	41 49'	41 54'	3/4 W	3° 37'	64° 56'	

Midas from *Salem* towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on board Sept 17. 1818
1	6	1	E by S.	S.W.		Begins With Pleasant Weather and fresh Gales to Ends the Day.
2	6	1				
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6	1				
12	6	1				
1	6	1				
2	7	1				
3	7	1				
4	8					
5	7					
6	7	1				
7	7	1				
8	8					
9	8					
10	8					
11	8					
12	7	1				

Latitude Obs^d 42° 03' S

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 87 E	160	9'	160	42° 03'	42° 03'	1 st W	3° 35'	61° 21' W	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on board Sept 18. 1818
1	6	1	E by S.	S.W.		Begins With Pleasant Weather & Fresh Gales to ends the Day
2	6	1				
3	6	1				
4	7					
5	7					
6	7	1				
7	8					
8	8					
9	7					
10	7					
11	7	1				
12	8					
1	7	1				
2	7	1				
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	7	1				
10	7					
11	6					
12	6					

Latitude Obs^d 41° 58' S

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 88 E	176	6'	176	41° 58'	41° 58'	1 st W	3° 57'	57° 24'	

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Sept. 19 th 1818.
1	6	1	SE	W		The last 24 hours moderate breeze & pleasant weather at 4 PM squared the yards and set the barboard main top mast & top gallant studding sails. at 6 fished ship at 2 AM the Wind hauled to the Southward took in studding sails & braced sharp off
2	6					
3	4					
4	3	1				
5	3	1				
6	3	1				
7	2	1				
8	2					
9	2	1				
10	2					
11	1	1				
12	1	1				
1	1					SE SE SE SE SE SE SE SE
2	1	1				
3	3					
4	3	1				
5	3	1				
6	3					
7	3	1				
8	3					
9	2	1				
10	2					
11	2	1				
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	71'	4	67	41.54	42.10	1/4	1.30	55.30	

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on Board Sept 20-1818
1	4	1	SE	SE		Begins with pleasant weather and light breezes at 7 AM took in the Royals at 10 took ship again at 2 AM sent down the Royal yards, at 11 o'clock 4 AM spoke the Brig Margaret of Chatham bound to St Johns Newfoundland 52 Days out
2	4	1				
3	5	1				
4	5	1				
5	4					
6	3	1				
7	4	1				
8	4	1				
9	4	1				
10	3					
11	4	1				
12	4	1				
1	5					SE SE SE SE SE SE SE SE
2	5					
3	6					
4	6	1				
5	7	1				
6	6					
7	6					
8	6					
9	6					
10	5	1				
11	4	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	73	52'	52'	43.02		1/4	71'	53.56	

Midus from *Salem* - towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on board Sept 21 st 1818
1	6	1	N by E	SE		Begins With stiff breezes and foggy Weather at 7 PM Hurt the fore & Mizzen top Gallant sails and single reefed the top sails Middle part of the Day moderate & Clear at 7 AM set the top Gallant sails and let the reefs out of the top sails.
2	6	1	N by E	as		
3	6	1	N by E	as		
4	5	1	E by E			
5	5		E by E			
6	5		E by E			
7	5	1	E by E			
8	5	1	E by E			
9	5	1	E by E			
10	5	1	E by E			
11	5	1	E by E			
12	5	1	E by E			
1	4					This Day All hands employed knotting yarns
2	4					
3	4					
4	4					
5	4					
6	4					
7	4	1				
8	4	1	E by E			
9	4	1				
10	4					
11	4					
12	3	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
60° E	103	52'	89'	43° 54'	0	1° W	122'	51° 54'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on board Sept 22. 1818
1	5	1	E by E	South		Commences Moderate with thick foggy Weather at 1:30 PM sent our Royal Yards aloft. At 3 passed so near a fishing sch ^r as to just clear her - We were involved in so thick a fog as scarcely to discern her at thirty Yards distance. -
2	5	1	E by E			
3	6	1	E by E			
4	6		E by E			
5	7		E by E			
6	7	1	E by E			
7	6	1	E by E			
8	5					
9	5					
10	6	1	E by E			
11	6					
12	5		E by E			
1	5	1		SE by W		At 8 AM Clear Weather disco- vered a sch ^r ahead standing to the S W Hove too and rounded. no Bottom. All hands knotting Yarns.
2	5	1				
3	4	1				
4	4	1				
5	5	1	E by E			
6	5	1				
7	5					
8	4	1				
9	4	1	E by E			
10	4	1				
11	4					
12	3	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
86° E	122	57	108	42° 57'		1° W	2° 28'	49° 28'	

Midias from Salem towards Canton

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on board Sept ^r 23. 1818
1	4		SE	Hy W		Commences Moderate With thick
2	4					hazy Weather, at 3 P.M. discover
3	4	1				ed a Brig to windward, stand
4	4	1				ing & W. at 6 light Showers.
5	4					
6	4	1	SE	SW		10 fresh Breeze; and Cloudy at
7	4	1				10. 30 in Royals and flying jib,
8	5		SE			heavy Rain.
9	5					
10	5	1	SE			at 3.4 M stiff Breeze and clear
11	5					weather.
12	6	1				
1	5		SE			at 7.30 a.m. set Royals, and
2	5	1				flying jib, at 40 hauled in the
3	4	1				weather's Braces; and set the dory
4	4	1	SE			sails, and top mast Studding sail
5	5					at 10 Braced up, took in the
6	5	1	SE			studding sail, and fresh Breeze
7	6			W		and Cloudy.
8	7					
9	7					
10	8		SE			Lat Obs ^d 43° 24' North
11	8					
12	7	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
158E	125	66'	106	43° 05'	43° 24'	2 1/2 W.	2° 28'	46° 17'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Board Sept ^r 24. 1818
1	7	1	SE	Hy W		These 24 hours a fresh breeze
2	7					and Cloudy Weather.
3	7	1	SE	SW		
4	7	1				
5	7					
6	6					at 5 P.M. Squally took in
7	6	1				royals, and flying jib.
8	6	1				
9	6	1				
10	7					
11	6	1				
12	6	1				
1	7					
2	7	1				
3	8		SE	SW		at 3 cross in fore and abizen
4	8					top Gallant sails.
5	7					
6	6	1				
7	6	1	SE	Variable		at 7 set fore and abizen Top
8	6	1				Gallant sails.
9	7		SE			
10	7	1				Crew employed on various
11	7	1				jobs. Lat Obs ^d 41° 56' North
12	7	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
158E	162	86	137	41° 58'	41° 56'	2 1/2 W.	3° 08'	43° 49'	

from *from* towards *land*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1			100		commenced at 10.00 in a light breeze
2	1					at 11.00 the wind increased to 100
3	1					at 12.00 the wind increased to 100
4	1					at 1.00 the wind increased to 100
5	1					at 2.00 the wind increased to 100
6	1					at 3.00 the wind increased to 100
7	1					at 4.00 the wind increased to 100
8	1					at 5.00 the wind increased to 100
9	1					at 6.00 the wind increased to 100
10	1					at 7.00 the wind increased to 100
11	1					at 8.00 the wind increased to 100
12	1					at 9.00 the wind increased to 100
1	1					at 10.00 the wind increased to 100
2	1					at 11.00 the wind increased to 100
3	1					at 12.00 the wind increased to 100
4	1					at 1.00 the wind increased to 100
5	1					at 2.00 the wind increased to 100
6	1					at 3.00 the wind increased to 100
7	1					at 4.00 the wind increased to 100
8	1					at 5.00 the wind increased to 100
9	1					at 6.00 the wind increased to 100
10	1					at 7.00 the wind increased to 100
11	1					at 8.00 the wind increased to 100
12	1					at 9.00 the wind increased to 100

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1234	50	25	70	41	41		110	110	110

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1			100		commenced at 10.00 in a light breeze
2	1					at 11.00 the wind increased to 100
3	1					at 12.00 the wind increased to 100
4	1					at 1.00 the wind increased to 100
5	1					at 2.00 the wind increased to 100
6	1					at 3.00 the wind increased to 100
7	1					at 4.00 the wind increased to 100
8	1					at 5.00 the wind increased to 100
9	1					at 6.00 the wind increased to 100
10	1					at 7.00 the wind increased to 100
11	1					at 8.00 the wind increased to 100
12	1					at 9.00 the wind increased to 100
1	1					at 10.00 the wind increased to 100
2	1					at 11.00 the wind increased to 100
3	1					at 12.00 the wind increased to 100
4	1					at 1.00 the wind increased to 100
5	1					at 2.00 the wind increased to 100
6	1					at 3.00 the wind increased to 100
7	1					at 4.00 the wind increased to 100
8	1					at 5.00 the wind increased to 100
9	1					at 6.00 the wind increased to 100
10	1					at 7.00 the wind increased to 100
11	1					at 8.00 the wind increased to 100
12	1					at 9.00 the wind increased to 100

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1234	104	141	127	34	34		183	183	183

Median from *2000* towards *2000*

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks
1	8	1				<p><i>Begin with Vincent Baker and his weather at hand in the royal New and yacht.</i></p> <p><i>Middle part mile in the.</i></p>
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					
1	8					<p><i>26 ends the day.</i></p> <p><i>Remainder of day at 2000 2000</i></p>
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1	150	122	30	27.2	26.5	21	1.25	1.50	

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks
1	3	1				<p><i>Begin with Vincent Baker and his weather at hand in the royal New and yacht.</i></p> <p><i>Middle part mile in the.</i></p>
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				
1	6					<p><i>26 ends the day.</i></p> <p><i>Remainder of day at 2000 2000</i></p>
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1	150	94	30	27.20	25.26	21	1.21	1.50	

Nedus from *Salem* towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1	1		SE		Begin the voyage and the
2	1	1				entirely clear and the
3	8					entirely clear and the
4	8					entirely clear and the
5	8					entirely clear and the
6	1	1				entirely clear and the
7	1	1				entirely clear and the
8	1	1				entirely clear and the
9	1	1				entirely clear and the
10	1	1				entirely clear and the
11	6	1				entirely clear and the
12	6	1				entirely clear and the
1	6					entirely clear and the
2	5					entirely clear and the
3	6					entirely clear and the
4	6					entirely clear and the
5	6	1				entirely clear and the
6	6					entirely clear and the
7	6					entirely clear and the
8	6					entirely clear and the
9	6					entirely clear and the
10	6					entirely clear and the
11	5	1				entirely clear and the
12	5					entirely clear and the

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1170	153	150	52	31° 30'	31° 50'	1/2	1° 03'	35° 16'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1	1		SE		Begin with moderate
2	1	1				weather & pleasant weather
3	4	1				
4	5					
5	4	1				
6	1					Midle part the same
7	3					
8	3					
9	3					
10	2					Ends with calm weather
11	2	1				
12	1	1				
1	1	1				
2	1					
3	1					
4	1					
5	1					See a brig standing S.W.
6	1	1	SE	SE		
7	2					Latitude by Ob. at 5 p.m.
8	2					
9	1					
10	1					
11	1					
12	60					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1276	57	51	25	32° 05'	31° 57'	2/4	0° 30'	31° 00'	

Midea from *Station* towards *Station*

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Thursday Oct 1 st 1818
1	2	1	1000	SE		Commences with fine breezes and pleasant weather.
2	2	1				
3	1	1				
4	1					
5	1		1000			11 1.4.48 1000 1000
6	1					
7	1	1				
8	1					
9	1		1000			
10	1	1				
11	1	1				
12	1	1				
1	1		1000			
2	2					
3	2	1	1000			
4	3					
5	2	1	1000			The latter part gradually with fair
6	2	1				
7	3					
8	3					
9	3		1000			Latitude Oct 1 st 35° 30' N
10	3	1				
11	3	1	1000			
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1000	27'	20'	30'	31° 37'	31° 35'	2'	30'	34° 09'	

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Friday Oct 2 nd 1818.
1	3		1000	SE		2nd part light breeze and pleasant weather.
2	5					
3	3					
4	3	1	1000			
5	1					11 8 1000 1000
6	3					
7	1	1				
8	1	1	1000			
9	1	1				At 10 P.M. 1000 1000
10	5	1				
11	5					
12	3		1000			
1	4	1				
2	4					
3	5					
4	1		1000			
5	1					
6	3					
7	3	1	1000			
8	1					
9	1	1				Latitude by 11 30.6 1000
10	2					
11	3					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1000	33'	24'	58'	30° 51'	30° 50'	1'	28'	35° 09'	

Albacore from *Albemarle* towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1		SE	Light		
2	1					
3	1					
4	2					
5	2	1	SE	Light		
6	2					
7	3					
8	2	1				
9	1	1				
10	1	1				W. L. hands working.
11	1	1				Setting up rigging.
12	2					
1	3		SE			
2	3					
3	2	1				
4	2					
5	1		SE			
6	1					
7	1					
8	1					
9		1				
10	1					
11						
12						

Lat. 28° 57' N. Long. 78° 57' W.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	37	11'	2"	28° 57'	28° 57'	10'	08"	78° 57'	78° 57'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	Balm					
2						
3	2		SE	Light		
4	2	1				
5	3					
6	3		SE			
7	3	1				
8	3	1	SE			
9	5	1				
10	6					
11	5	1				
12	3	1				
1	5					
2	4	1				
3	4	1				
4	4	1				
5	5					
6	6					
7	6					
8	6					
9	7	1				
10	7	1	SE			
11	7					
12	7					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	109	109'	2"	28° 57'	28° 57'	10'	08"	78° 57'	78° 57'

from *Swan* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks
1						
2	3					
3	4					
4	5					
5	3					
6	4					
7	5					
8	4					
9	5					
10	4					
11	5					
12	5					
1	6					
2	7					
3	8					
4	9					
5	10					
6	11					
7	12					
8	1					
9	2					
10	3					
11	4					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
12	102	15	10	25 11	26 20	1 30	1 30	28 50	29 37

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	6					
2	7					
3	8					
4	9					
5	10					
6	11					
7	12					
8	1					
9	2					
10	3					
11	4					
12	5					
1	6					
2	7					
3	8					
4	9					
5	10					
6	11					
7	12					
8	1					
9	2					
10	3					
11	4					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
12	102	15	10	25 25	26 33	1 30	1 30	29 20	31 38

Winds from *Whelton* towards *Crusoe*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	7		North	East		Here 24 hours with breeze and cloudy Clear and bright with squally sea
2	7					
3	7	1				
4	7	1	East			
5	7	1				
6	7					
7	8					
8	7					
9	7	1				
10	7	1				
11	7	1				
12	7	1				
1	8					Clear and bright with squally sea
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8	1				
11	8	1				
12	8	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
127	198	17.3	96	20 42	20 42	0	430	1735	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	7		North	East		Here 24 hours with breeze and pleasant weather
2	7					
3	7	1				
4	7	1				
5	8					
6	8	1				
7	8	1				
8	8					
9	8	1				
10	8	1				
11	8	1				
12	9					
1	8	1				Clear, Day bright & good look out expecting to make the Cape de Verde Islands at 11 & were to the south of them
2	8					
3	8					
4	7	1				
5	7					
6	7	1				
7	7	1				
8	7	1				
9	8					
10	8					
11	8					
12	8					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
122	191	17.9	77	17 43	17 43	0	117	1820	

Notes from *Macra* towards *Coast*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks
1	1	1		Cal 6		<i>At 10.45 I took 24 fathoms L. in 10 fathoms. 24 fathoms ...</i>
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	1	1				<i>At 11.15 I took 24 fathoms ...</i>
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
100	100	100		11° 18'	4° 15'	1/2°		15 1/2	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1	1		Cal 6		<i>At 10.45 I took 24 fathoms ...</i>
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	1	1				<i>At 11.15 I took 24 fathoms ...</i>
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
131 1/2	165	141	86°	11° 57'		1/2°	10 1/2	15 1/2	

Alcedo from *Vienna* towards *Canlone*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Oct 11. 1818
1	6		1st			first part of these 24 hours
2	6					very with gusts
3	6	1	1st			
4	6					middle part the same
5	5	1	1st			
6	5	1	1st			
7	5					
8	4	1	1st			Little part pleasant with
9	4	1	1st			light winds.
10	5					
11	5					
12	5					
1	4					At 6 o'clock the top of the
2	4	1	1st			the top of the hill in
3	4	1	1st			the hill
4	4	1	1st			
5	4	1	1st			
6	4	1	1st			
7	4					
8	3	1	1st			
9	3	1	1st			
10	3					
11	3					
12	3	1	1st			

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
112	108'	107'	20'	10° 40'	9° 37'	10° 40'	206	27° 41'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Oct 12. 1818
1	4		1st	Strong		At 1 o'clock the top of the
2	4			Variable		pleasant weather with light
3	4					winds
4	4					
5	4		1st			Middle part the same
6	4					
7	4					
8	3	1	1st			At 6 o'clock the top of the
9	3	1	1st			top of the hill in the
10	3					hill
11	3					
12	4	1	1st			At 7 o'clock the top of the
1	3	1	1st			hill and the top of the
2	3					hill
3	3					
4	4	1	1st			At 8 o'clock the top of the
5	4					hill
6	5					The latter part passing with
7	4					rain
8	4					
9	4	1	1st			
10	4	1	1st			
11	4	1	1st			
12	4	1	1st			

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
120	84'	78'	32'	8° 30'		10° 40'	206	26° 21'	

from <i>Whitman</i> towards <i>Canton</i>						
H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Tuesday Jan. 13. 1818
1	1	1				
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	1	1				
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
<i>S 1/2 E</i>	<i>25</i>	<i>16'</i>	<i>27'</i>	<i>1° 22'</i>	<i>8° 18'</i>	<i>var.</i>	<i>59°</i>	<i>25° 31'</i>	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Jan. 14. 1818
1	1	1				
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	1	1				
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
<i>S 1/2 E</i>	<i>21'</i>	<i>31'</i>	<i>50'</i>	<i>7° 05'</i>	<i>7° 00'</i>	<i>4°</i>	<i>51°</i>	<i>25° 39'</i>	

Alida from *Charm* towards *Wenton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	2	1	SE	SE		First part of the day fine
2	2	1				light breeze & pleasant weather
3	2	1				
4	2	1				Middle squally with rain.
5	2	1				Heavy light breeze & fine
6	2	1				at 5.30 left the ship
7	2	1				at 6.00 (very) part of the
8	3					time in setting but taking in
9	2	1				studding sails and heaving about
10	3					in gale.
11	2	1				
12	3	1				
1	3					at 2.30 left the ship & drove
2	4					ing to the SE. at 3.15
3	5					hauled at 4.00 as which was up
4	5					the yards and got under the
5	3					sails.
6						at 7.30 back in the harbor with
7						and stayed at 11.45 at the
8	Wenton					again. Came with the ship to
9						
10	2		SE			at 1.00 left the ship
11	2					
12	2					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	60'	42'	42'	6° 27'			0 42'	2° 27'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1			East	SE		First part of the day fine
2						cloudy weather & calm, and
3	SE					a shift to windward of us.
4						
5	3					at 3 PM took a ship at the
6	2	1	SE			Regal & flying jib.
7	3					
8	5		SE			at 6 PM a large school of
9	5					porpoises were jumping about
10	4	1				the ship we struck one he flew
11	4	1				out & the rest followed him.
12	4		SE			
1	5					at 1 PM took a ship again
2	4	1				
3	4					at 4 PM sailed to the point
4	4					called Winton up the river
5	3	1	SE			to point the Regal & set
6	3	1				down the flying jib & drove
7	3	1	SE			the ship.
8	4					at 1 PM took a ship again
9	4	1				in the morning
10	4		SE			
11	4	1				
12	4	1				at 6 PM

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	77'	55'	54'	5° 27'	6° 26'	1 4'	0 55'	1° 03'	

from <i>London</i> towards <i>Antwerp</i>										
H.	K.	H.K.	Courses.	Winds	L.W.	Remarks <i>Monday 27 1818</i>				
1	1		8.30			<i>First 1/2 of the day light breeze from the N.W. with a fine breeze from the S.W. in the evening. The ship part the day.</i>				
2	1									
3	1									
4	1									
5	1									
6	1	1								
7	1									
8	1									
9	1									
10	1									
11	1	1								
12	1	1								
1	1					<i>Second 1/2 of the day the S.W. breeze continued.</i>				
2	1									
3	1									
4	1									
5	1									
6	1									
7	1									
8	1									
9	1									
10	1									
11	1									
12	1									

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
8.30	10	S	10	51° 18' N	62° 0' N	1° 12' E	0° 46'	22° 17'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks <i>Monday 28 1818</i>				
1	1	1	1.00	light		<i>Light and middle part of the day light breeze from the N.W. with a fine breeze from the S.W. in the evening. The ship part the day.</i>				
2	1	1								
3	1	1								
4	1	1								
5	1	1	1.00							
6	1	1								
7	1	1								
8	1	1								
9	1	1								
10	1	1								
11	1	1								
12	1	1								
1	1	1				<i>Light and middle part of the day light breeze from the N.W. with a fine breeze from the S.W. in the evening. The ship part the day.</i>				
2	1	1								
3	1	1								
4	1	1								
5	1	1	1.00							
6	1	1								
7	1	1								
8	1	1								
9	1	1								
10	1	1								
11	1	1								
12	1	1								

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1.00	6	6.0	11	51° 28' N	51° 16' N	1° 12' E	0° 46'	21° 30'	

Winds from *the sea* towards *landward*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Oct 14 1818.
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
01	146	71	188	1 06	1 51	12	1 09	17 27	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Oct 20 1818
1	5					
2	5					
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	5	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
580	105	2.5	89	5 23	5 23	12	1 20	17 27	

Noidas from *Salomon* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on <i>Wednesday</i> <i>Nov 21 1818</i>
1	3	1		SE		These 24 Hours commenced with Moderate breeze and fine weather.
2	3					
3	1	1				
4		1				
5	3		Point East			At 4 P.M. every thing light and in good order.
6	3					
7	3					
8	3					
9	2	1	SE	SE		Clear Moderate and pleasant
10	3					
11	1	1				
12	1	1				
1		1				
2	3	1	SE	SE		
3	3	1	SE	SE		
4	3					
5	3					
6	3					
7	3	1				
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	17	36°	17	8° 42'	5° 04' N	0 178	8° 25'		

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on <i>Thursday</i> <i>Nov 22 1818</i>
1						These 24 Hours a fine day and pleasant weather.
2						
3						
4						
5						
6						
7						
8						
9						At 10 P.M. the ship was at anchor
10	4	1				
11	4					
12	4					
1	1	1				
2	2	1				
3	2	1				
4	4	1				
5	2	1				At 2 P.M. the ship was at anchor
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE	15	36°	15	8° 42'	7° 54' N	0 150	17° 5'		

(Hides) from 1818 towards Canton

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1		1	1012	1012		
2		1				
3		1				
4	+					
5	+					
6	+					
7	+					
8	+					
9	+					
10	+					
11	+					
12	+					
1	+	1	1012	1012		
2	+					
3	+					
4	+					
5	+					
6	+					
7	+					
8	+					
9	+					
10	+					
11	+					
12	+					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1012	84'	38'	75	2° 07'	2° 17'	12'	1° 18'	16° 10'	15° 11'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1		1	1012	1012		
2		1				
3		1				
4		1				
5		1				
6		1				
7		1				
8		1				
9		1				
10		1				
11		1				
12		1				
1		1				
2		1				
3		1				
4		1				
5		1				
6		1				
7		1				
8		1				
9		1				
10		1				
11		1				
12		1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1012	124'	51'	113	1° 26'	1° 36'	10'	1° 36'	15° 40'	15° 40'

Shetland from *Shetland* towards *Shetland*

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks
1	6					
2	6					
3	6					
4	5					
5	5					
6	7					
7	7					
8	6					
9	6					
10	6					
11	6					
12	6					
1	1					
2	1					
3	1					
4	1					
5	2					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
160	117	6.1	18	0 10	19	10	1 30	1040	

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
152	119	73	94	1 32.5	1 18.5	10	1 34.0	22.40	

Winds from <i>Shalim</i> towards <i>Canter</i>										
H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on <i>Wednesday Oct 27 1816</i>				
1	5					From the <i>Shalim</i> towards <i>Canter</i>				
2	5									
3	7									
4	7									
5	7	1				all 5 hours in <i>Shalim</i> towards <i>Canter</i>				
6	8	1								
7	8	1								
8	8	1								
9	8	1				From <i>Canter</i> towards <i>Shalim</i>				
10	8	1								
11	7	1								
12	7	1								
1	2					From the <i>Shalim</i> towards <i>Canter</i>				
2	2									
3	10									
4	10									
5	10					all 5 hours in <i>Shalim</i> towards <i>Canter</i>				
6	10									
7	10									
8	10									
9	10					From <i>Canter</i> towards <i>Shalim</i>				
10	6	1								
11	6	1								
12	7	1								
Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.	
12	169	99	1.4	5.17	5.16	1.2	1.17	153		

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on <i>Wednesday Oct 28 1816</i>				
1	0					From the <i>Shalim</i> towards <i>Canter</i>				
2	6	1								
3	6	1								
4	6	1								
5	6	1				all 5 hours in <i>Shalim</i> towards <i>Canter</i>				
6	6	1								
7	7	1								
8	0									
9	0	1				From <i>Canter</i> towards <i>Shalim</i>				
10	7	1								
11	8	1								
12	8	1								
1	7	1				From the <i>Shalim</i> towards <i>Canter</i>				
2	7	1								
3	6	1								
4	6	1								
5	6	1				all 5 hours in <i>Shalim</i> towards <i>Canter</i>				
6	0	1								
7	0	1								
8	0	1								
9	6	1				From <i>Canter</i> towards <i>Shalim</i>				
10	5	1								
11	3	1								
12	2	1								
Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.	
12	152	126	85	5.54	5.54	1.10	1.20	153		

from 1200 700 towards 600 600

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks
1	2			SEB		
2	3					
3	6					
4	6					
5	7					
6	7					
7	7					
8	8					
9	8					
10	8					
11	8					
12	8					
1	8					
2	7					
3	7					
4	7					
5	7					
6	7					
7	6					
8	6					
9	6					
10	6					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
120	8	100	50	8 30	8 30	0	125	125	

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks
1	5			SEB		
2	6					
3	6					
4	6					
5	6					
6	6					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					
1	8					
2	8					
3	8					
4	7					
5	7					
6	7					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
120	8	177	35	11 30	11 30	0	35	25.30	

from *101° 15'* towards *(101° 15')*

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks
1	7	1				
2	7	1				
3	7	1				
4	6					
5	6					
6	6					
7	6					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8	1				
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1-12	112.1	122'	20'	2040'	203.40'	11°	117'	201'	15 16

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks
1	2					
2	2					
3	2	1				
4	2	1				
5	2					
6	2					
7	6					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7					
3	6	1				
4	6	1				
5	5	1				
6	5					
7	5					
8	4	1				
9	6	1				
10	6					
11	7					
12	7					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1-12	135	131'	31'	2506'	2510'	11°	136'	252'	15 16

Widow from *180112* towards *Widow*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday 1810
1	4	1	100	ENE		rise of ground
2	4	1				at 10 o'clock
3	4	1				at 11 o'clock
4	4	1				at 12 o'clock
5	4	1				at 1 o'clock
6	4	1				at 2 o'clock
7	4	1				at 3 o'clock
8	4	1				at 4 o'clock
9	4	1				at 5 o'clock
10	4	1				at 6 o'clock
11	6	1				at 7 o'clock
12	4	1				at 8 o'clock
1	4	1				at 9 o'clock
2	4	1				at 10 o'clock
3	4	1				at 11 o'clock
4	4	1				at 12 o'clock
5	4	1				at 1 o'clock
6	4	1				at 2 o'clock
7	4	1				at 3 o'clock
8	5	1				at 4 o'clock
9	4	1				at 5 o'clock
10	4	1				at 6 o'clock
11	4	1				at 7 o'clock
12	5	1				at 8 o'clock

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1250	115°	104°	12	2650	2650	0	200	2650	2650

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday 1811
1	4	1	100	ENE		rise of ground
2	4	1				at 10 o'clock
3	4	1				at 11 o'clock
4	4	1				at 12 o'clock
5	4	1				at 1 o'clock
6	4	1				at 2 o'clock
7	4	1				at 3 o'clock
8	4	1				at 4 o'clock
9	4	1				at 5 o'clock
10	4	1				at 6 o'clock
11	4	1				at 7 o'clock
12	4	1				at 8 o'clock
1	4	1				at 9 o'clock
2	4	1				at 10 o'clock
3	4	1				at 11 o'clock
4	4	1				at 12 o'clock
5	4	1				at 1 o'clock
6	4	1				at 2 o'clock
7	4	1				at 3 o'clock
8	4	1				at 4 o'clock
9	4	1				at 5 o'clock
10	4	1				at 6 o'clock
11	4	1				at 7 o'clock
12	4	1				at 8 o'clock

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1200	131°	118°	57	2650	2650	0	200	2650	2650

from <i>Shelton</i> towards <i>Cape Horn</i>										
H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on <i>Monday Nov 6 1816</i>				
1						<i>The ship being damaged, and the crew being small, we were obliged to anchor in the harbor of Shelton.</i>				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1						<i>Left Shelton by land at 11 AM. The ship being damaged, and the crew being small, we were obliged to anchor in the harbor of Shelton.</i>				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
<i>120</i>	<i>74</i>	<i>76</i>	<i>17</i>	<i>28° 00'</i>	<i>28° 00'</i>	<i>0</i>	<i>19'</i>	<i>28° 10'</i>	

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on <i>Tuesday Nov 7 1816</i>				
1						<i>The ship being damaged, and the crew being small, we were obliged to anchor in the harbor of Shelton.</i>				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1						<i>The ship being damaged, and the crew being small, we were obliged to anchor in the harbor of Shelton.</i>				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
<i>120</i>	<i>93</i>	<i>88</i>	<i>30</i>	<i>29° 34'</i>	<i>29° 35'</i>	<i>0</i>	<i>0° 03'</i>	<i>29° 33'</i>	<i>29° 13'</i>

Widened from *July 1st* towards *Canada*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	5					Commence with fresh gale
2	1					at 1 PM
3	1					
4	1					
5	1					at 6 PM
6	1					
7	1					light the weather
8	1					
9	1					
10	1					Middle of the day
11	1					
12	1					
1	1					the second birds
2	1					general of the tropics
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					the weather
10	1					
11	1					
12	1					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
124	98	89	59	31° 04'	31° 31'	27	1.6"	24° 39'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1					Commence along breeze
2	1					the weather
3	1					
4	1					
5	1					Middle of the day at 10 PM
6	1					the weather
7	1					the breeze
8	1					
9	1					
10	1					
11	1					the weather
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
121	101	61	53	31° 04'	31° 31'	27	1.6"	24° 39'	

Medina from *Medina* towards *Cartagen.*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Tuesday Nov 10 1818
1	7		Head & 8			These 24 hours commenced fresh gales and cloudy weather
2	7					At 1 P.M. sent down oblique top
3	6	1				gallant yard At 2 took in the
4	0	1				giving for room At 8.30
5	7	1				set the mainsail.
6	7	1				At 11.30 P.M. cloudy with
7	7	1				heavy rain At 4 A.M.
8	7	1				hauled the main sail
9	0	1				At 11 A.M. hauled in the
10	6	1				weather braces latter stiff
11	6	1				reeve and bring within
12	6	1				heavy breeze S.W.
1	7					Very empty between
2	8					deck picking up rain
3	8					Dinner to Capt. Williams
4	8					
5	8					
6	7	1				
7	7	1				
8	7	1				
9	7	1				
10	8					
11	8	1				
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE 170	105	141		34° 51' S	None	3/4 W	2° 53	20° 28	

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday Nov 11 1818
1	7	1	East	Se.		These 24 hours with fresh
2	7	1				breeze and bring
3	7	1				At 4. set the fore main sail
4	7	1				At 4.30 P.M. loosed the main
5	6	1				sail & spanker At 6 P.M.
6	0					putted the jib and staysail
7	4					At 7.30 let the reefs out of
8	3					the main top sail. At 12
9	3					midnight set the reefs out of
10	3					the fore & oblique the sails
11	3	1				and set the fore and main
12	3	1				top gallant sails. At 3 A.M.
1	4					loosed the yards and set
2	4					the fore and main top mast
3	4					studding sails At 5 A.M.
4	4					set the main top gallant
5	4					studding sails. Called first
6	4					line the fore and main top
7	5					At 7 A.M. set up
8	5					the main top mast and yard
9	6					set the fore
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE 170	128	7.3	44	36° 24' S	36° 00'	3/4 W	2° 08	18° 25	

Waves from *Waterloo* towards *Wentworth*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Feb 22 1818
1	3			SE		Base of land commences with light breeze
2	5					and very smooth at 1 PM
3	5					the breeze still fresh and very smooth
4	5					at 11 AM the breeze fresh and very smooth
5	5	1				
6	7					at 11 AM the breeze fresh and very smooth
7	7	1				in the afternoon the breeze fresh and very smooth
8	7	1				the breeze still fresh and very smooth
9	7					at 11 AM the breeze fresh and very smooth
10	7					great attention to the weather
11	7	1				the breeze still fresh and very smooth
12	7	1				at 11 AM the breeze fresh and very smooth
1	7	1				the breeze still fresh and very smooth
2	7	1				at 11 AM the breeze fresh and very smooth
3	7	1				the breeze still fresh and very smooth
4	7	1				at 11 AM the breeze fresh and very smooth
5	7					the breeze still fresh and very smooth
6	7					at 11 AM the breeze fresh and very smooth
7	7					the breeze still fresh and very smooth
8	7					at 11 AM the breeze fresh and very smooth
9	7					the breeze still fresh and very smooth
10	0	1				Long tide at 12 PM
11	0	1				at 11 AM the breeze fresh and very smooth
12	0	1				the breeze still fresh and very smooth

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
155E	161'	96'	129'	37°42'			2 126	1515	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Feb 23 1818
1	4		SE	SE		First Part of these 24 Hours
2	3	1				raining with a moderate breeze
3	3	1				
4	3					Middle Part of these 24 Hours
5	2	1				with light winds
6	2			SE		This Day I take a departure
7	2					from Latitude 37°50' South
8	2					Longitude 11°52' West
9	3					
10	4	1				
11	4	1				
12	5					
1	6	1		SE		Crew employed on various
2	7					jobs
3	7					
4	7					At 6 PM the S.E. extremity of
5	7	1				Tristan da Cunha bore S.E.
6	7	1				
7	7	1				
8	6					
9	6	1				
10	7					Dinner to Day since meat
11	7					
12	7					Latitude Obs. 38°28' South

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
165E	123'	52'	111'	38°48'	38°28'	1/10	2°21'	9°31'	

Midas from *Salern* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Saturday & Good M. 1818
1	7	1	SE & E	SE & E		These 24 Hours fine Breeze and pleasant weather.
2	7					
3	7	1				
4	8					At 5 P.M. took in the main top mast steering sail. & set the stay sail.
5	7	1				
6	7	1				
7	7	1				At 10 o'clock sent aloft the fore royal mast and yard & set the sail at 11 set the 5th.
8	7	1				
9	7	1				
10	8					At 11-45 braced the yards.
11	8	1				
12	8	1				This day saw a great number of aquatic birds. Porpoises &c
1	8	1				crew employed making rope. Ends fine Breeze & pleasant weather. Dinner to Day Salt Fish Latitude by Obs 39° 36' S
2	8	1				
3	8	1				
4	8					
5	8					
6	8					
7	8					
8	7	1				
9	8					
10	8					
11	8	1				
12	8	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1090	190'	68'	177	39° 30'	39° 36'	1/2 W	3° 48'	5° 32'	102° 12'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Novbr 15. 1818
1	9		ESE	N West		First part of these 24 Hours fine Breeze and pleasant weather.
2	9					
3	9					
4	9					
5	9					Middle Cloudy At 5 o'clock took in the starboard steering sails
6	9					
7	9					At 8 o'clock in all steering sails and braced up on the starboard tack.
8	9					
9	8	1				
10	7	1				At 11 o'clock a breeze from the ESE
11	7	1				
12	6	1				
1	5	1				Rain since 10 o'clock and so ends Sunday with a sea breeze for Dinner. This Day Killed a pig.
2	4	1				
3	5	1				
4	4	1				
5	3	1				
6	3					
7	2					
8	1	1				
9	0					
10	2					
11	4					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1800	134'	23'	133	39° 58'	None	3/4 W	2° 53'E	2° 39' 45"	

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Nov ^r 16. 1818
1	5	1	N ^{by} E			These 24 Hours Rainy At 12 ³⁰ tack'd ship At 4 PM sent down fore and main Royal yards & masts At 5 PM furled the top gallant sails At 6 Double reef'd the topsails At 8 Handed the main sail jib & spanker. and set the Main staysail, At 10 PM furled the fore and Mizzen top sails At 4 o'clock squared the yards At 3 o'clock the main top sail sheet parted Cleud up & bent it anew At 5 o'clock set the fore and Mizzen top sails at 10 o'clock the weather moderated We set the spanker & top gallant staysail at 10 ³⁰ shook the Reefs out of the top sails & set the fore and main top gallant sails. Ends Rainy with a salt Beef Dinner and a small Allowance of Grog
2	5	1	SSE			
3	5					
4	5					
5	5		Sby E		1/2	
6	4	1			1	
7	4	1	SSE ^N E			
8	4	1				
9	4	1				
10	2					
11	2	1	SEast		1/2	
12	3		ESEast			
1	4					
2	5	1				
3	6	1				
4	6	1				
5	7		Eby S.		0	
6	7	1				
7	8					
8	8					
9	7	1				
10	7					
11	7	1				
12	8					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S67E	112'	44'S	103'	40°42'S	Same	11°W	2°14'E	25°W	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday Nov ^r 17. 1818
1	9		Eby S	N Eby S		This Day so wet we could not attend to making any Remarks but these that it Rain'd the whole 24 Hours.
2	9					
3	9					
4	9					
5	8	1				
6	7					
7	7					
8	7					
9	7					
10	6	1				
11	5					
12	3	1				
1	2	1				This Day Killed a goat Dinner to Day Pork & Beans
2	2					
3			Calm			
4						
5	2		SEast		1/2	
6	2	1			1/2	
7	3	1	SEby SE			
8	4					
9	6		Eby South			
10	8	1				
11	8	1				
12	8	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N87E	136'	8'S	136'	40°34'S	Same	11°W	2°00E	2°35E	

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday Nov ^r 78. 1818
1	9		Ely ^s	N E by S		These 24 Hours begins Raining
2	9					At 1 P M furled the main Royal
3	9					set 2 furled the top Gallant sails
4	9					and sent down the main royal
5	9					yard and mast at 3:30 PM
6	8	/		W N W		Double reefed top sails at 5:30 PM
7	8	/				Squared the yards At 6 P M
8	8	/				All hands shook the Reefs out
9	9					of the top sails & set top gallant
10	9					sails. with the larboard fore
11	9					and main top mast steering &
12	9					lower steering sails At 4:30
1	9					At 4 M sent aloft the fore & main
2	9					royal mast & yards & set
3	9					the sails. At 9 M sent
4	9					down the Old jib it being
5	8	/				split & bent for a new one
6	8	/				Crew employed on various jobs
7	8	/				Ends with fine weather and
8	7	/				a Salem Harbours mess for
9	7	/				Dinner from a part of the goat
10	7	/				Latitude Obs ^d 39° 58' S
11	7	/				
12	7	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Co
N 84 E	202'	20' N	20'	40° 14' N	39° 58' 1/2 N	1/2 W	4° 22' E	6° 57' E	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Nov ^r 79. 1818
1	7		Ely ^s	N E by E		First Part of these 24 Hours
2	7					pleasant weather At 6 P M
3	7	/				fixed Ship At 11 PM braced
4	7	/				the yards up Shark & rigged
5	7	/				in the L & shudding sail beams
6	7	/				At 5 M took in the
7	7	/		West		starboard shudding sails
8	6	/				Latter Part Cloudy with
9	6	/				Squalls
10	6	/				A Large Number of Birds were
11	7	/				seen this Day
12	7	/				Dinner to Lay Port & Pass
1	7	/				
2	8	/				
3	8	/				
4	8	/				
5	8	/				
6	8	/				
7	8	/				
8	8	/				
9	8	/				
10	9	/				
11	9	/				
12	9	/				Latitude Obs ^d 39° 24' South

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 80 E	185'	22'	182'	39° 24' N	39° 24'	2 1/2 W	3° 54' E	10° 51' E	

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Nov ^r 20 1818
1	8	1	SE			First Part of these 24 Hours
2	8					Squally with light Rain At
3	7	1	E by S			1 P.M. furled the main Royal
4	7	1				fore and Mizzen top gallant
5	7	1				sails At 3.30 furled the main
6	7	1	E by S			one & Close Reefed the Spanker
7	7					At 5 sent down the main Royal
8	7	1				yard and mast At 6 P.M. Rigs
9	7	1				Reefed the top sails At 8 shook
10	7	1	ESE			the reefs out of the Spanker
11	7	1				At 8 P.M. set the main top
12	7	1	SE by E			gallant sail At 10.45 set the
1	7	1				fore and mizen top gallant sails
2	6	1				At 8 o'clock shook the Reefs out of
3	5	1				the top sails At 9.30 hauled in
4	5	1	SE by E			the weather braces & set the fore
5	6	1				& main top mast & top gallant
6	6	1				studding sails & sent aloft the
7	6	1				fore and main Royal yards
8	6	1	SE by E			& masts & set the sails At 10 set
9	6	1				the fore top mast & fore top gallant
10	6	1				staysails. Ends Pleasant
11	7	1				Dinner Salt Beef Latitude 39° 02'
12	7	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
187E	164'	9' 8"	163	39° 15'	39° 02'	2 1/2 W	3° 30' E	14° 21'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday Nov ^r 21 1818
1	7		SE by E	W SW		First Part of these 24 Hours fine breeze
2	7					and pleasant Weather At 2 P.M.
3	7					Caught a fine horse fish which afforded
4	7					us a merriment all hands At 6.30 squared
5	7					the yards & set the larboard main
6	7					top gallant studding sails hauled
7	7					up the main sail & hauled down
8	6	1		W by S		the staysails At 10.30 set the larboard
9	6	1				main top mast studding sails & lowered
10	6	1				the spanker At 12 midnight furled
11	5	1				the main Royal & top gallant sail
12	5	1				& settled down the mizen top sail
1	5	1				At 3 o'clock took in the larboard main
2	6	1				top mast & main top gallant stud
3	7	1				ding sails At 8 o'clock set the larboard
4	9	1				main top mast & main top gallant
5	8	1				studding sail At 11 took in the
6	8	1				top gallant studding sails
7	8	1				Ends with a stiff Breeze
8	8	1				And Pleasant Weather
9	9	1				Dinner to Day Porpoise
10	9	1				
11	9	1				
12	9	1				Latitude 39° 21' South

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
184E	175'	19' 1"	174	39° 21'	39° 21'	2 1/2 W	3° 44' E	18° 05'	

Midas from *Salem* towards *Canlon*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sunday Novr 22 1818
1	8	/	SE & SW	SW		These 24 Hours Commences fresh
2	8	/				Breeze and pleasant weather
3	8	/				sea calm & gently increasing and
4	8	/				cloud which getting heavy at 4 P.M.
5	8	/				turned ships out of the fore top sail
6	8	/				set top mast studding sails & sent
7	8	/				down royal yard At 8 ³⁰ squared
8	8	/				and main in studding sails & close
9	8	/				reefs fore top sail & pulled the main
10	9	/			W & W	sail at midnight in heavy sea run
11	9	/				ning at 4 P.M. sudden and violent
12	9	/				squalls At 10 ³⁰ the wind suddenly
1	9	/				shifted to the NW & W. turned all
2	9	/				ships out of the top sail & set top
3	9	/				mast studding sail At 11 ³⁰ set the
4	9	/				main sail main top mast studding
5	9	/				sail shankers & fore & top gallant
6	9	/				sails At 12 squared the yards
7	9	/				Ends Rainy
8	9	/				A Heavy sea is going I allow 12
9	9	/				miles for heave of the sea
10	9	/				
11	7	/				Dinner to Day Pudding
12	7	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 81 E	222	33 S	220	39° 54 S		2 1/2 W	14 47 E	22 52	

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Monday Novr 23 1818
1	7	/	SE & SW	SW		Commences with fresh Breeze & Cloudy
2	7	/				weather At 1 P.M. took in fore top
3	7	/				mast steering sails At 2 P.M. set fore
4	7	/				top mast steering sails & mizen
5	7	/				top gallant sail At 2 P.M. squared
6	9	/				took in fore top mast studding sail
7	9	/				& fore & mizen top gallant sail
8	9	/				At 3 set top mast studding sails
9	7	/				At 5 P.M. sent aloft the main royal
10	7	/				squared the yards & set main top
11	7	/				mast & main top gallant studding
12	7	/				sails At 7 set off the heel lashing of
1	7	/				the studding sail & boom
2	7	/				parted the boom run in and reworked
3	7	/				the boom chains from the yard sent
4	7	/				down the boom repaired damages
5	7	/				and set the sail At 9 set lower studding
6	7	/				At 10 Caught a fine porpoise
7	7	/				Ends Fine Weather and a
8	7	/				Moderate Breeze
9	6	/				
10	6	/				Dinner to Day minced meat
11	6	/				
12	6	/				Latitude Obs 39° 51 South

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 84 E	187	19 S	183	40° 13 S	39° 51 S	2 1/2 W	14 03 E	26 55	26° 33 E

Midas from Salem towards Canton.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday Nov ^r 24 1818
1	5	1	S E by E	N West		Commences fine Breeze & moderate weather. At 1 P M bent Courses top sail & top gallant sails anew
2	5					At 3 fided ship At 6 braced up
3	5	1				and set staysails look in Lee
4	4	1				main top mast studding sails
5	4	1				and top gallant studding sails.
6	5	1				At 7 rigged in Lee booms At 8 in
7	6	1				Lower studding sails At 10 P M
8	7	1				took in the top gallant sails
9	9					and staysails At 12 midnight
10	10					handed the main Course and fide
11	10					Double Reefed fore main and mizen
12	10					top sails At 5 o'clock sent down
1	10	1				fore and main Royal mast At
2	10	1				8 o'clock set 1 Reef out of the top
3	9					sails & set fore & main top gallant
4	9					sails. Ends stiff Breeze &
5	9					fine Weather
6	10					Crew employ'd Repairing
7	10					rigging &c
8	10					Dinner to Day Potpoise
9	10					Latitude Obs ^d 40° 23' South
10	10					
11	9	1				
12	9	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 81 E	200'	32'S	198'		40° 23'	2 1/4'	4° 18'E	31° 13'	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Nov ^r 25 1818
1	9		S E by E	W N West		Commences with strong breezes
2	9		East			and clear weather, a heavy sea
3	8	1				running At 2 P M moderate set
4	8					main sail and spanker & sent aloft
5	7					the main Royal mast and yards
6	6	1				and top gallant studding sail booms
7	6	1				set the main Royal, starboard fore
8	6					and main top mast and top gallant
9	5	1				studding spils, at 10 P M squared
10	5	1				the yards set the Larboard main
11	5					top gallant studding sail.
12	5					At 2 A M fided ship At sent aloft
1	6					the fore Royal mast and yard
2	7					set the Royal and mizen top
3	7					gallant sail & staysails At 8
4	7					A M, set the Lower & fore top
5	7	1				gallant studding sails.
6	7	1				End with fine Weather
7	8					All studding sails set on the lar
8	8	1				board side.
9	8					Proog aloft to Day
10	8					Dinner to Day Pudding & Bage
11	8					Latitude Obs ^d 40° 10' South
12	7	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 86 E	171'	13 1/2'	171'	40° 10'	40° 10'	2 3/4'	3° 13'	34° 56'E	

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Thursday Nov ^r 26. 1818
1	8		SE by E	W 8 to 10		First Part of these 24 Hours fine
2	8		East			Breeze and pleasant Weather
3	8					
4	7	1				At 7 P.M. rigged in the Lee studding
5	8	1				sail boom At 8 Squally took in
6	9					Royals staysails & top gallant
7	9					studding sails. At 1.30 At 11 got
8	9					a pull at the weather braces & set
9	9	1	SE by E			the top gallant studding sail
10	9	1				At 1.40 A squared the yards and
11	10					set the Lee main top gallant
12	9	1				studding sail At 11.30 fished ship
1	9					Crew employ'd making new
2	9					main braces Shunfain &c
3	8	1		W 8 to 10		
4	8	1				
5	7	1				Ends Pleasant Weather
6	6	1				and stiff Breeze
7	6					
8	6					With Pork & Peas for Thanks
9	6					giving Dinner
10	6					
11	6					
12	6					Latitude Obs ^d 40° 11' South

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE by E	191'	1° S	191'	40° 11' S	40° 11' S	2 1/2° E	4' 09"	39° 05'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Nov ^r 27 th 1818
1	8		SE by E	W 8 to 10		These 24 Hours commences fresh
2	8	1	SE by E			Breeze and Hazy Weather.
3	9					
4	9					At 1 P.M. braced up took in studding
5	9					sails and set staysails.
6	9	1				
7	8					At 11.30 P.M. squared the yards
8	8					set the main top mast and top
9	8					gallant studding sails.
10	8					At 2.30 At 11 braced up took in
11	8					Lee studding sails.
12	8					
1	8		SE by E			At 5 in all studding sails.
2	7	1				
3	7					Crew employ'd repairing rigging
4	6			SE by E		mending old sails &c
5	6					
6	6	1				Ends light Breeze and hazy
7	6	1				Weather.
8	6	1		SE by E		
9	5		SE by E			
10	5					Dinner to Day mended meat.
11	5	1				
12	6	1				Latitude Obs ^d 40° 02' South

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE by E	177'	9'	177'	40° 02' S	40° 02' S	2 1/2° E	3' 51"	42° 56'	

Midas from Salem towards Canton.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday Nov ^r 28 th 1818.
1	7		SE by E	SE by S		These 24 Hours Commence moderate Breeze and Hazy Weather
2	7					
3	8					
4	8					
5	8					At 7 P.M. saw a whale and a Thrasher.
6	8					
7	8					At 6 o'clock hauled in the Weather braces and set the main top mast studding sail.
8	8					
9	8					At 7 hauled down the stay sails
10	8					At 7.30 set larboard main top mast and main top gallant studding sails.
11	8					
12	7					
1	8					At 8 Discovered a sail under the lee bow standing south
2	8					At 10.30 in all studding sails braced sharp up set stay sails &c.
3	8					Ends with light rains moderate & variable winds.
4	8					
5	7					Dinner to Day salt Fish
6	6					Latitude Obs ^d 40° 04' South
7	6					
8	7					
9	6					
10	5					
11	4	SE				
12	4					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 89 E	176'	2	176	40° 04' S	40° 04' S	2 1/4 W	3° 50' E	46° 46' E	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Nov ^r 29. 1818.
1	3		E N E	SE		These 24 Hours Commence with light and variable winds.
2	3					
3	2	1	NE			At 5 P.M. Braced the yards
4	2					
5	1		ESE			At 2 A.M. hauled in the Weather braces and set fore top mast & fore and main top gallant studding sails.
6	1					
7	1	1	SE by S	E N E		Ends with fine Breeze and pleasant Weather
8	2					
9	5		SE E			
10	6	1				
11	7		SE by E	SE E		
12	7					
1	8					
2	8					This Day Ends eleven Weeks and the Distance run by Log is 9748 Miles
3	8	1				
4	8	1				
5	8					
6	8					
7	8					
8	8					
9	9	1				
10	9	1				Dinner to Day Indian Pudding
11	9	1				Latitude Obs ^d 40° 10' South
12	9	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 89 E	135'	1 N	135	40° 03' S	40° 10' S	2 1/4 W	2° 59' E	49° 45' E	

Notes from Station towards Canton

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Nov ^r 30. 1818.
1	10		S by E	SE by E	1/2	These 24 Hours Commence with
2	10					fresh Breezes and fine Weather.
3	10	1				At 2 P.M. took in the staysails and
4	10	1				top gallant ^{the} sails. At 4 in fore top
5	10	1				mast studding sails & Royals. At
6	10	1				7.30 in top gallant sails, Double
7	10	1				Reefed, and furl'd the spanker.
8	9	1		SE with		At 8 Double Reefed top sails, in
9	9	1	SE East			heavy sea running. At 4 P.M. set the
10	10					spanker, and stur'd fore out of
11	10					the top sails, and set the main top
12	10					gallant sail. At 7 heavy rain At
1	9	1				9.00 down royal yards and masts,
2	9					and furl'd the main top gallant
3	9					sail and spanker. At 11 in fib.
4	9					Ends with fresh Gales and
5	9		S by E			frequent squalls; the rain
6	9					descending in torrents.
7	9	1				
8	10					
9	9					
10	9	1				
11	9	1				Dinner to Day salt Beef
12	9	1	SE East			and Potatoes.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 77 E	231	51 S	225	41° 01 S	None	2 1/2 W	1° 58 E	54 1/2 E	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday Dec ^r 1 st 1818.
1	8		SE East	NW by E		Commences with fresh Gales and
2	8					squally weather, with heavy Rain.
3	9		S by E			At 2 P.M. set fore and main top
4	9		E by E	SE		gallant sail. At 6.30 set spanker,
5	9					mizen staysail, & fib. At 10 heavy
6	9					squalls, in top gallant sails, & hauled
7	9					the yards, in mizen staysail, &
8	10					fib. At 12 midnight furl'd the
9	9	1				main sails. At 2 P.M. set fore and
10	9	1				main top gallant sails. At 3.30 took
11	9	1				in the fore top gallant sail. At
12	9					5 set the fore top gallant sail,
1	7	1				and shock the Reefs out of the
2	8					top sails. At 8 set the main top
3	8					mast studding sails.
4	8	1				Ends fresh Breeze and pleas
5	8					ant Weather.
6	8					
7	7					Crew employ'd on various
8	7					jobs.
9	7					Dinner to Day Pork & Beans.
10	7					
11	8					Latitude Dec ^r 10° 59 South
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE by E	199	21 S	198	40° 40 S	10° 59 S	2 1/2 W	1° 22 E	59 05 E	

Midas from *Salem* towards *Carlton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Decr 2 ^d 1818
1	7	1	ESE	10 or 10		Commenced with fresh Breeze and fine weather. At 1 P.M. the Park Block on the main top mast studding and boom sheet slashed the fore top end of the studding sail yard split the top sail, sent down the studding sails and lowered the top sail. Unbent part of it and sent it down in the top repairer the sail and bent it. At 4 P.M. the lower studding sail. At 11:30 the fore top mast studding sail boom was taken close in to yard lock in the studding sails rigged another room and set the sail. At 5 P.M. traced up on the larboard tack & set the fore top gallant sail, jib & shanks. At 7 P.M. the staysails & mizen top gallant sail. At 9:30 P.M. took in the main top mast studding sail & set the mizen stay sail. At 11 P.M. furled the staysails. At 12 midnight took in the fore top mast studding sail. At 5:30 A.M. set the mizen top gallant sail.
2	7	1				
3	5					
4	5		E by S			
5	5					
6	5	1				
7	6	1				
8	7	1				
9	9	1				
10	9	1				
11	10					
12	10					
1	9	1	ESE			Ends pleasant weather & fine Breeze. Dinner to Day pudding & Beef. Latitude Obs ^d 40° 26' South
2	9	1				
3	9					
4	9					
5	9	1				
6	10					
7	10					
8	10					
9	10					
10	10					
11	10					
12	10		E by S			

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SSE	203'	35'	200'	40° 24'S	40° 26'	2 1/2' N	4° 25'E	63° 30'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Decr 3 ^d 1818.
1	9	1	E by S	NW		Commenced with stiff Breeze and squally weather. At 2 P.M. light rains. At 1 P.M. squally with heavy rain. At 11 took in the main top gallant sail and furled the main sail. At 11:30 the staysails & fore top sail sheet parted & cut up the sail & bent it away. At 12 midnight doubled the fore top sail. At 1 P.M. set the shanks. At 5 P.M. set the main top gallant sail. At 10 shook the reef out of the top sail & set the shanks. At 12 set the main top mast staysail.
2	9	1				
3	9					
4	9					
5	9		ESE			
6	8	1				
7	8	1				
8	8	1				
9	9	1				
10	9	1				
11	9					
12	9					
1	9					Ends fine weather with a stiff Breeze.
2	8	1				
3	8					
4	8					
5	8	1				
6	9					
7	9					
8	9					
9	8					
10	8		E by S			
11	9					
12	9					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
NSE	210'	12'	210'	40° 14'	40° 07'	2 1/2' N	4° 34'E	68° 4'	

Ships from *Yulem* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Friday Dec 4 th 1818
1	10		E by S	S West		Commenced with stiff gales and squally At 1 P.M. shifted the fore and main top gallant sails. & double reefed the top sails. & set the rose top mast staysail. At 2 pm hauled the mizen to'sail & jisted the spanker & stowed the fore and main top mast staysails At 3 a heavy squall of wind and rain, we close reefed the fore to'sail from 2 pm until 6 P.M. heavy squalls of wind and rain, with a tremendous sea. At 10 P.M. let 2 reefs out of the fore topsail, and one out of mainine At 11 set the mizen topsail, & main top gallant sail.
2	10					
3	10		ESE			
4	10					
5	10					
6	10					
7	10		E by S			
8	10					
9	9	1	E by S			
10	9					
11	9					
12	9					
1	8	1	E by S			
2	8					
3	8					
4	8					
5	8					
6	9	1				
7	9	1				
8	9	1				
9	9					
10	8	1				
11	8					
12	8					

*A very heavy sea running
Sallow 20 miles*

Ends stiff gales and squally weather

Linner to Lay, Beef and Potatoes

Latitude 39° 04' South

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 66°	236'	58' 08"	229'	39° 09' S	39° 04'	2 ^h 10 ^m W	4° 59'	73° 03'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday Dec 5 th 1818
1	8	1	E by S	N by S		Commenced with Breeze and squally At 2 pm. Close reefed the mizen top sail. At 8 P.M. Watch ordered to keep a look out expecting to make the land At 10 furled the top gallant sail At 11 hauled the mizen top sail.
2	9					
3	9	1				
4	9					
5	9					
6	9	1				
7	9					
8	8					
9	8					
10	8					
11	8					
12	8					
1	8					
2	2	1	S by E			
3	2	1				
4	5	1	E by S	N by S		
5	7	1				
6	8	1				
7	8					
8	8					
9	8					
10	8	1				
11	7	1				
12	7	1				

The Latitude & Longitude of the ship in from 3 days when we left the Departure & Distance of the Land at 10 P.M. 38° 42' Long. 77° 48' Lat. when which I shall take a new observation

At 12 midnight, expected we were near the Land, Close reefed the fore and main top sail, and hauled up the fore sail, and Lay too till day light. At 3:30 P.M. let 2 reefs out of the main top sail, and set the fore sail. At 4 P.M. saw the Island of Amsterdam. At 4:30 set the main top gallant sail, and mizen top sail, and set 2 reefs out of the fore top sail. At 9 set the fore top gallant sail. At 11:30 set the main top mast studding sails. At 7 P.M. Amsterdam Island bore S by W Distance 16 miles At 8 saw the Island of St. Pauls which bore N by E. Latitude of Amsterdam 38° 42' South. 77° 48' E. Long.

Latitude 38° 32' South

A heavy sea running Sallow 8 miles

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 80°	186'	31' 08"	183'	38° 33' S	38° 32'	2 ^h 10 ^m W	3° 59'	77° 02'	

Midas from Salem towards Canton.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Decr 6 th 1818.
1	7		Eby S	W by N		Commences stiff Breeze and squally.
2	7					At 10 ³⁰ PM set the fore topmast
3	7					At 1 ⁰⁰ AM squally look in the main
4	7					& fore top mast studding sail.
5	7					At 3 ³⁰ set the fore top mast
6	6	1				studding sail, and main top mast
7	6	1				stay sail, At 4 ⁰⁰ AM hauled in the
8	7	1		W by W		Lee Braces and look in the fore top
9	7	1				mast studding sail.
10	8	1				Latter Part stiff Breeze and
11	9	1				Pleasant.
12	9	1		N West		Latitude of Amsterdam Island 38° 42' South
1	9	1				Difference of Latitude from Yesterday at
2	9	1				7 ⁰⁰ Clock till 12 the same Day is 10 ⁰⁰ miles
3	9	1				Longitude of Amsterdam Island 77° 48' East
4	9	1				Difference of Longitude from the same
5	9	1				time is 48 ⁰⁰ miles.
6	9	1				38° 42' Lat. 77° 48' Long.
7	9	1				40 ⁰⁰ Diff. 48 ⁰⁰ Diff.
8	9	1				38° 32' Lat. in 78° 36' Long. in
9	9	1				Lat 38° 03' South
10	9	1				
11	9	1				
12	9	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 32° E	201'	29' N	20'	38° 03' S	38° 03	2 ¹ / ₂ W	4° 15'	82° 51'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Decr 7 th 1818.
1	9		E by S	N by W		Commences fine Breeze and Cloudy
2	9					Weather.
3	9					At 11 ³⁰ P.M. took in top gallant sails.
4	9	1				
5	9	1				Middle & fore Breeze and fair Weather.
6	9					
7	9	1				At 5 ⁰⁰ AM set top gallant sails.
8	9	1				
9	9	1				At 11 ⁰⁰ AM set fore top mast studding
10	9	1				sail.
11	9	1				
12	9	1				
1	9	1	East.			Ends fresh Breeze and pleasant
2	10					Weather.
3	10					
4	10					
5	10					Crew employed on necessary jobs.
6	10					
7	9	1				
8	9					Dinner to Day. Salt Beef &
9	9					Potatoes.
10	8	1				Latitude 37° 17' South
11	8	1				
12	8	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 79° E	224'	44' N	219'	37° 19' S	37° 17'	1 ¹ / ₂ W	4° 38' E	87° 29'	East

Midas from *Salem* towards *Carlon*.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Tuesday Decr 8 th 1818.
1	8	/	East	North		Commences stiff Breeze and pleasant weather.
2	8	/				At 1 ³⁰ o'clock took in the fore and Mizzen top gallant sails.
3	8	/				At 6 o'clock set the top gallant sails.
4	8	/				Ends stiff Breeze & Cloudy Weather.
5	8	/				
6	8	/				
7	8	/				
8	8	/				
9	8	/				
10	9					
11	9					
12	9					
1	8	/	E by S			Crew employ'd Knotting yarns
2	8	/				
3	8					
4	8					
5	8		E by N			Variation Per Azimuth 15° 58.
6	8					
7	8					
8	8					
9	8		E by S			Dinner to Day Pork & Beans
10	8					
11	8					
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 69° E	199	73° 4'	185	30° 04' S	None	1 ¹ / ₂ ° 11'	3° 52' E	91° 21' E	

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday Decr 9 th 1818.
1	5	/	E by S	W by S		Commences light winds and pleasant weather. At 1 P.M. squared the yards and set the fore and main top mast, and lower studding sails. And lowered the fore & shankles. At 6 fixed ship.
2	5	/				At 11 P.M. fixed again. At 12 midnight, guiled the fore and Mizzen top gallant sails. At 2 o'clock sent aloft the main royal mast and guiled & set the sail.
3	4	/				At 5 o'clock sent aloft the main top gallant studding sail Booms, and set the sails. At 6 set the shankles.
4	4	/				At 8 let out both Profs.
5	3	/				Ends fine breeze and pleasant weather. Crew employ'd making Rope &c.
6	3	/				
7	3	/				
8	3	/				
9	4	/				
10	6	/				
11	6	/				
12	6	/				
1	6	/				
2	7	/				
3	7	/				
4	7	/				
5	6	/				
6	5	/				
7	4	/				
8	4	/				
9	4	/				
10	5	/				
11	6	/				
12	6	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 62° E	126	59° 3'	111	35° 05' S	35° 00'	1 ¹ / ₂ ° 12'	2° 17' E	93° 38'	

Midas from *Salem* towards *Canlon*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Decr. 10 th 1818.
1	5		E by S	S West		Commences Light Winds and fine
2	5					Weather. At 1 P.M. rigged out the flying
3	5	1				ft. Boom, and flying ft. At 4 sent
4	5	1				aloft the fore & main mast and yard
5	5	1				and set the sail At 11 P.M. took in the
6	5	1				studding sails and braced sharp up
7	6	1				on the starboard tack at 12 midnight
8	6	1				rigged in the Lee booms At 5 A.M.
9	5	1				hauled in the Weather braces. And
10	5	1				set the fore top mast & main top
11	5					gallant studding sail. At 6 A.M.
12	5					sent the stysail spars on Deck.
1	3		S East	West.		At 7 sent the fore and main ones
2	3					aloft & set them. And set ft. and
3	4	1	E by S			flying ft. Ends stiff Breeze.
4	4					And fine Weather. This Day caught
5	4	1				a Horse. Crew employed making
6	4					Rope, Spungain &c.
7	5					Dinner to Day Porter &c.
8	4					Latitude Obs ^d 33° 49' South.
9	6	1				
10	7	1				
11	7	1				
12	6	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 55 E	123	71' 8"	101'		33° 49'	1 1/2 W	2° 01' E	95° 39'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Decr. 11 th 1818.
1	5	1	E by S	S W		Commences with Light Winds and fine
2	6					Weather. At 3 P.M. Squared the yards
3	6					and set the studding sails. At 5 P.M. sent
4	6					aloft the Mizzen Royal mast and yard.
5	6					Middle Winds Light and variable
6	6					falling ship every minute At 11 P.M. braced
7	5	1				up on the starboard tack. At 3 A.M.
8	5			W by S		hauled in the Weather braces. At 5 set the
9	4	1				fore and mizen Royal.
10	4					
11	4					
12	4					
1	3		E East	Variable		Ends fine Breeze &
2	3					Pleasant Weather.
3	3	1	E by E			
4	3	1	E by E	S E.		
5	5	1	E by E			
6	7	1	E by E			
7	7	1	E by E			
8	7	1				Dinner to Day Porter
9	6					
10	6					
11	6		E by S	South		Latitude Obs ^d 32° 14' South.
12	6	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 00 E	123	61' 8"	106'	32° 48' S	32° 44'	1 1/2 W	2° 07' E	97° 46'	East.

Midds from Salem towards Canton.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Saturday Dec ^r 12 th 1818.
1	6	1	E by N	West -		Commences stiff Breeze and fine Weather
2	6	1				At 3 ³⁰ PM squared the yards and set
3	7					the studding sails. At 4 hauled in the
4	7					weather braces and took in main top mast
5	8					studding sail. At 5 ruing At 7 PM hauled
6	9		E & E.			down fore & flying jib. At 8 ³⁰ hoist down with
7	9	1				heavy rain. At 9 took in the studding sails
8	9	1				and hauled in the Lee Braces. At 11 AM
9	10					took in the Royals & Sky sails. At 11 ³⁰
10	10					took in the Fore & Mizzen top gallant
11	9	1				sails. At 4 o'clock took in the main top
12	9	1				gallant sails. At 5 hauled in the weather
1	9	1				braces. & set main top gallant sail. At
2	9					8 o'clock set the fore and mizen top gallant
3	9					sails, and Royals. At 10 o'clock set the fore
4	9					top mast. & fore & main top gallant
5	8	1				& lower studding sails, and Double
6	8	1				Reefed the shanket & set it.
7	8					
8	8					Ends with a stiff Breeze & pleasant
9	8	1				Weather.
10	8	1				Dinner to Day & House.
11	8	1				
12	8	1				Latitude Ev ⁿ 30° 43' South.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 55° E	206'	11 1/2'	169'	30° 47' S	30° 43'	1 1/2' W	3° 19' E	101° 05' East.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Dec ^r 13 th 1818.
1	8	1	E & E	SW		Commences with stiff Breeze and
2	8	1				fine Weather. At 8 ³⁰ PM set the
3	9					Lee main top gallant studding sail.
4	9					At 10 hauled in the weather braces.
5	8	1				At 12 midnight set the fore top
6	8	1				gallant studding sail. At 7 o'clock squared
7	8	1				the yards At 9 hauled in the Larboard
8	8	1	N & E			braces and set the main top mast
9	8	1				& middle stay sails.
10	8	1				At 10 o'clock let the keels out of the
11	9					shanket. All sail set.
12	8	1		SSW		
1	8	1				
2	8					Ends fine Breeze & Cloudy
3	8					Weather.
4	8	1				
5	7	1				Dinner to Day & Pudding & Beef.
6	7					
7	7					Latitude Ev ⁿ 28° 39' South
8	7					
9	7					
10	7	1				
11	7	1				
12	7	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 49° E	193'	12 1/2'	146'	28° 36' S	28° 39'	1 1/2' E	2° 48' E	103° 53' E	

Midas from Salem towards Canton.

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on Monday Decr 14 th 1818.
1	5	1	N E by E	SW		Commences fine Breeze & pleasant weather. At 1 P.M. set the Mizzen
2	6					Royal & main staysail. At 2 hauled
3	6	1				down the staysails. At 3 o'clock squared
4	6	1				the yards and set the Larboard main
5	6	1		South		topmast studding sail. At 4 o'clock
6	6	1				furled the fore Royal & took in
7	6	1				fore top gallant studding sail. At
8	5	1	N E			5 o'clock fished ship. & set the fore royal
9	5	1				and flying jib. At 6 hauled in
10	5	1				the Lee Braces & set the staysails
11	4	1		West		& fished
12	4	1				This morning sent down the mizen
1	5	1				topsail to reef it.
2	5	1				All hands employed reefing topsail
3	5	1		SE by W		and other jobs.
4	5	1				Ends with fine Breeze and pleasant
5	5	1				weather.
6	6					Dinner to Day mended meat.
7	6			West.		Latitude Obs ^d 26° 41' South
8	7					
9	7	1				
10	7	1				
11	7	1				
12	6	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 76° E	142'	10 1/2'	98	26° 55'	26° 41'	1/2" W	1° 51' E	105° 44' E	

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on Tuesday Decr 15 th 1818.
1	6	1	N East.	West		Commences fine Breeze and pleasant
2	6	1				Weather.
3	7					At 3:30 P.M. sent aloft mizen top
4	7					sail and set it and set top gallant
5	7					sail. Royal & staysail.
6	7					At 5 o'clock braced the yards and
7	6					took in main topmast and lower
8	5					studding sail.
9	6					Ends fine Breeze & pleasant
10	6	1				Weather.
11	6	1				
12	6	1				
1	6					
2	5	1				Crew employed crowning the
3	7					Cable, picking Ahum &c.
4	7			SE West		
5	6	1				
6	6					
7	6					
8	6					
9	6	1				
10	7					Dinner to Day Pork & Beans.
11	7					Latitude Obs ^d 24° 37' South
12	7					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 37° E	155'	12 1/2'	93'		24° 37' S	1/2" W	1° 41' E	107° 28' East	

Nidas from *Salem* towards *Canton*.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday Dec. 16 th 1818
1	7		Ch East	West		Commences fine Breeze and pleasant weather At 2 PM Hauled in the
2	7					weather braces and set fore top mast
3	7					& Lower studding sails At 3.30
4	6	1		SWest		Squared the yards and set fore
5	6					gallant studding sail At 5 PM filled
6	6			SW by S		ship At 7.30 set staysails, & fth
7	7			SW by W		At 3 o'clock Braved up took in
8	8					studding sails, & staysails,
9	7	1				Middle (raining,
10	7	1				At 10 o'clock Hauled in the Weather
11	8					braces & set main top mast studding
12	7					sail, & staysails.
1	7					Ends fine Breeze and
2	7					Pleasant Weather.
3	8	1				Caught a porpoise this Day
4	7					Dinner to Day Pudding.
5	8					& Porpoise,
6	7	1				Latitude Obs ^d 22° 00' South
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 26 E	174	15 7/8	76	22° 00 S	22° 00	1/2 W	1° 23 E	108° 5	108° 5 E

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Dec. 17 th 1818
1	7	1	Ch East	SW by E		Commences pleasant Weather & fine
2	7	1				Breeze. At eight took in Royals,
3	8					top gallant sails, studding sails, fth
4	8			SW by West		& Sprunkers hauled up fore sail, &
5	8	1				main sail, & Double Reefed top sails
6	8	1				At 10 PM backed the main top sail,
7	9	1				to the mast, & kept all the watch,
8	9	1				looking out, for Rocks shoals and
9	7					the ship being in the Latitude, and
10	5	1				Longitudes were we had reason to expect
11	4					them. At 5 o'clock set all sail and
12	3					kept one man on the fore top sail yard
1	4					to look out,
2	4					All hands on Deck all the time for this
3	4	1				week back (which I fear will continue for
4	4	1				some time) refig. rigging making (Hope
5	4	1				pulling Caicum &c. &c.
6	7		Ch by S			This Day saw a great number of Birds
7	9					called N. Bason's & a number of flying
8	9					fish.
9	9					Dinner to Day Pork & Beans.
10	8					Latitude Obs ^d 19° 39' South
11	8					
12	7	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 35 E	157	12 9/8	91	19° 51 S	19° 39	1/2 W	1° 37 E	110° 28 E	

Midas from *Salem* towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	6	1	N East	S.W.		Friday Decr 18 th 1818.
2	7					Commences fine Breeze & pleasant
3	7	1				Weather. At 11 ³⁰ AM set
4	7	1				Leeward main top mast studding
5	8					sail.
6	8					All Hands employ'd topg
7	8					rigging. making Spungarn &c.
8	7	1				
9	8					
10	8					Ends fine Breeze & Pleasant
11	8					Weather. - All sail set.
12	8					
1	8					
2	7	1				
3	8					
4	8					
5	8					
6	8					
7	7	1				
8	7	1				
9	7					Dinner 1 Day Salt Beef
10	7					and Potatoes.
11	6	1				Latitude Ob ^d 17° 11' South
12	6	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 37 E	182'	148'	N	107	17° 11'S	17° 11'S	1/2 W	1° 52'E	112° 20' East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	6	1	N East	S.W.		Saturday Decr 19 th 1818.
2	6	1				Commences fine Breeze & Pleasant
3	6					Weather. At 2 PM furl'd the fore
4	6					and Mizzen Royal & Mizzen top
5	6					gallant sail. & fore top gallant studd
6	6					ding sail. At 4 PM ficed ship.
7	6					All hands employ'd, getting the
8	5	1				Anchors on the Bolls. and hoisting
9	4	1				the guns out of the Lower hold &
10	4					mounting them, the Carpenter
11	5					employ'd making Quaker's.
12	5	1				
1	5	1				Ends Light winds & Pleasant
2	6	1				Weather.
3	7					
4	8					
5	8					
6	7	1				
7	7	1				
8	7	1				
9	7	1				Dinner 1 Day Salt Fish.
10	7					
11	7					Latitude Ob ^d 15° 09' South
12	7					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 37 E	154	122'		92'	15° 09'S	15° 09'	1/2 W	1° 36'	113° 56'E

Midas from *Western* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sunday Decr 20 th 1818
1	5		N East	S West		Commences fine Breeze & Pleasant Weather. At 8 AM filed ship.
2	4	1				
3	4					
4	4					Weather very Warm.
5	4					This Day Killed a Pig.
6	3					
7	3					
8	3					
9	4					Ends Moderate Breeze and fine Weather.
10	5	1				
11	6					
12	6					
1	5	1				
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				Dinner to Day Sea Surge.
11	5	1				
12	5	1				Latitude Obs ^d 13° 26' South.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 30° E	119'	103'	60'	13° 26' S	13° 26' S		1° 01' E	114° 57'	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Decr 21 st 1818.
1	5	1	N East	S West		Commences light Breeze & Pleasant Weather. At 2 P.M. Boaced the yards and set mizen top gallant sail.
2	5	1				Royal's & staysails. At 7 P.M. squared top in studding sails. Royal's top gallant sails & Double Crossed top sails. & hauled up the mainsail.
3	4	1				At 9 set 1 Reef but of the top sails.
4	4	1				und set top gallant sails. At 12 midnight. Squared the yards. At 2 o'clock Shook the Reefs out of the top sails. & lowered the mainsail.
5	4	1				& set the studding sails.
6	4	1				Ends fine Breeze & Pleasant Weather. All sail set.
7	4	1				Crew employed tarring rigging & mending the Deck bending.
8	3	1				Cables &c. &c.
9	2	1	North			
10	1	1				
11	Calm					
12						
1	2	1	N East	S West		
2	4	1				
3	6	1				
4	6	1				
5	7	1				
6	7	1				
7	7	1				
8	7	1				
9	7	1				
10	8	1				
11	8	1				Dinner to Day Beef & Potatoes.
12	8	1				Obs ^d Latitude 11° 44' South.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 33° E	121'	102'	66'	11° 44' S	11° 44' S		1° 08' E	116° 05'	118° 17' E

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday Dec ^r 22 ^d 1818.
1	8		N East	NW by S		Commences fine Breeze and pleasant Weather
2	8		N E by E			At 1 ^h 30 ^m flet the ship. At 2 ^h squally took in Midding
3	7	1				sails and raised up, At 3 ^h reflecting to make
4	7	1				the Land kept a good Look out, & took in
5	7					sail. Middle squally with heavy rain
6	6					At 8 o'clock saw Moody Island. At 8 ^h 30 ^m saw
7	5					Sandle Wood Island, the Western part of
8	4	1				which is in Long 118° 58' the eastern part
9	4	1				120° 00' East. At 9 made sail at 10 ^h 30 ^m AM
10	4	1				squally took in Light sails. At 11 ^h 30 ^m hauled
11	5					in the Weather braces & set fore and main
12	5	1				top mast, top gallant, & Lower studding
1	5	1				sails.
2	5	1				At 12 ^h Moody Island bore N W by West
3	5	1		Variable		East part of Sandle Wood Island N E by North
4	5					South Point S S West Distance 10 miles.
5	5					Latitude 10° 20' South Long 119° 45' East
6	6		N East			from which I shall take a Departure
7	5	1				Ends slight Breeze & squally.
8	6					Sandle Wood Island very high Land.
9	6	1	E & East			Dinner to Day Peas & Beans
10	7	1				Latitude Obs ^d 10° 30' South
11	7	1	E & E by E			
12	8					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 57 E	145'	79'	122'	10° 25' S	10° 30' S	am	2° 04'	118° 09'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Dec ^r 23 ^d 1818.
1	8		E & E	N & W		Commences fine Breeze. & With squalls
2	8					and Rain Wind Variable, setting and
3	6			N & W		taking in studding sails every ten minutes.
4	5	1				At 7 P M took in studding & raised
5	5	1				up sharp.
6	5	1				Ends Light Winds & Rainy.
7	4	1				with thunder & Lightning.
8	3			N & E		
9	3	1				
10	4					Saw a number of Birds called
11	4	1				Boobies.
12	4	1		Variable enough		
1	4					
2	5					
3	4					
4	4		East			
5	4					
6	3	1	E 1/2 S			
7	3	1				
8	4		E S E			
9	4		E by N			Dinner to Day Pudding & Biscuits
10	4					
11	4	1				Latitude Obs ^d 9° 53' South
12	4					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 75 E	111'	30'	108	10° 00' S	9° 55' S		1° 50' E	121° 34'	

Middle from Malacca towards Canton.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Thursday Decr 24 th 1818
1	4		E by S	N & E		Commences Light Breeze & Clear
2	4					Weather, At 4 P.M. the Man at the
3	4					must had discovered a sail in the weather
4	4					bear, bearing about E. & E. standing E. & E.
5	3	1				Middle Calm At 3.30 At 4.15 Breeze
6	3	1				springing up. Squared the yards, and rigged
7	2					out main top mast and top gallant studding
8	Calm					sail Broom, At 4.45 the Wind hauled, braced up
9						on the starboard tack. At 5.00 Breeze squally
10						rising, took in flying jib, staysails, royals,
11						and top gallant sails, lowered the spanker
12						and hauled up the mainsail. At 5.30 set
1						sail, At 11.30 hauled up on the starboard
2						tack, At meridian, lowered the jolly boat
3						to ascertain the Current, but there was
4	2		N E by E	S W by N		none of any consequence.
5	1	1	North	E & E		The strange sail about 10 miles distance.
6	1	1				Ends Light Winds and Breeze
7	2	1				Weather.
8	3					Watch Employed Picking Cotton.
9	3					Darker to Day N. & E. & Pass.
10	2		E & E			
11	3					
12	1	1				

This day very dark lightning at 11.30

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 28° E	32	10'	31'	9° 45' S			31' E	122° 06'	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Decr 25. 1818
1	1	1	E by N	N N E		Commences Almost Calm and the weather
2	3		N E by E	W & W		hazy At 2 P.M. hauled in the weather braces
3	3					and set studding sails At 7 P.M. squally
4	2	1				took in Light sails, spanker & jib.
5	2	1				hauled up the mainmast At 9 set sail
6	3					Middle squally with thunder & lightning.
7	2					At 4.30 At 4.45 Wind varying, braced up
8	3	1	N W by E	N E by E		then squared again, set studding sails,
9	2					in studding sails & braced up on the
10	1	1				starboard tack. All done in about an hour.
11	1	1	North			Very heavy Rain, for the last 4 hours.
12	1					At 5.00 At 5.15 the ship about 1 1/2 miles
1	Calm.					Distance on our weather Breeze.
2						At 7.00 At 7.15 saw Land, bearing from
3	2		East.	N & E		N E to N N W. which we made
4	1					it out to be Timor Island.
5	1					At 10.00 At 10.15 Down Boat and tried
6	3		N East	S West		the Current, and found it setting
7	3					About 1/2 knot per hour to the N. & East.
8	3		N E by N	E by S		Ends Light wind & Cloudy weather.
9	2					Dinner to Day Mince meat.
10	1	1				
11	1	1	East.			
12	2					

Christmas this Day.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 41° E	50'	37'	33	9° 08' S	none	none	33'	122° 39'	East

Midas from Salem towards Canton.

H.	K.	H.K. Courses.	Winds.	L.W.	Remarks on Saturday Decr 26. 1818
1			Variable		Commences Calm. and Cloudy Weather
2					At 3 P.M. the man at the mast head
3	/	24 East			Discovered a sail bearing S.E. and the
4	/	/			first ship made signals for her.
5					At 6 P.M. the following Bearings
6					and Distance the Western part of Timor
7	/	By S.W.			in sight, 14 by E. & E. about 8 Leagues.
8	/				Eastern Part of Lombleu. N by E about
9	/				10 Leagues. At 7 P.M. a breeze sprung up
10	/	E. & E.			Set all sail At 9 both ships in sight
11	/				from the mast head. At 11 out of sight.
12	/				At 11.30 fired ship the man at the
1	/				mast head. Saw Land on the Lee bow
2	/				bearing N by E which was the Island
3					of Panter. At Meridian the following
4					Bearings and Distance, Western Part
5					of Timor in sight about 14 Leagues.
6					White Cliff Island about 8 Leagues
7	1/4	N East	S West		Bearing S.E. Panter Island N by E
8	5				Distance, 9 Leagues.
9	4				Ends Light Breeze & Pleasant Weather.
10	4				Dinner to Day Salt Fish.
11	4				Lat Bar ^o 8° 59' South
12	4				

Most of these 24 Hours very dark lightning with tremendous and incessant thunder.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 59° E	31'	16 N	27	8° 52' S	8° 59' S	none	27 East	123° 06'	East

H.	K.	H.K. Courses.	Winds.	L.W.	Remarks on Sunday Decr 27 th 1818.
1	3	/	N E by E	W. S. E.	Commences Moderate Breeze & fine Weather
2	3	/			At 7 P.M. in steering sails Royals & stay sail
3	2	/			and hauled up the Courses.
4	2	/			At meridian S.W. part of Panter Island,
5	2	/			bore W by S Distance nearest part about
6	2	/			17 miles. S.W. Part of Lombleu W by W.
7	2	/	E & E	North	East part of Timor in sight East.
8	2				Length of Timor Island running from
9	2				N. E to S West is 220 miles.
10	Calm				Embay now abeam of us (Distance
11	/	/			about 7 miles) and Panter on our Larboard
12	/	/			quarter.
1	2	/			Heads head 8° 3' S Lat 122° 41' E Long
2	/	/			Solo Lat & Long not given
3	/	/			Lombleu Peak 8° 12' S 123° 41' E Long
4	Calm				Panter 8° 32' S 123° 59' E Long
5	/	/			Embay 8° 20' S 125° 04' E Long
6	/	/			Timor Island, on the Starboard hand
7	3	/	S E by E	N West	also White Cliff Island Lat 9° 15' S 123° 54' East
8	3	/			Lignes to Day Indian Building
9	2	/			Latitude Bar ^o 8° 35' South
10	2	/			
11	2	/			
12	2	/			

All this night Rainy with Thunder and lightning.

here lie on the larboard side.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 59° E	46'	24	39	8° 35' S	8° 35' S		39 E	123° 45'	East

Midas from *Salem* towards *Canton*.

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Monday Decr 28 th 1818
1						Commences Calm in all steering sails.
2						At 4 30 P.M. a breeze sprung up from the north. At 7 in light sails, equally hauled
3						up the courses and Double Breech top sails.
4						At 8 Wore ship to the S.W. At 10 Wore ship to the N. North. At 10 let out Reefs and made sail. This night saw several fires on the shore. At 8 the East part of Ombay bore S. by E. Distance the nearest part about 3 miles. At noon Canby bore East & E point of Ombay W. N. W.
5	3		E by S	North		At E point S. by West Island of Uolled.
6	3	1				N. by E. This Day saw a great variety of fish such as Shark, flat fishes,
7	5		S by E			Albacores, Herring hogs, Flying fish, &c.
8	4					Caught a shark, & a Herring hog.
9	2		S. E.			Ends almost Calm and very warm.
10	2					Dinner to Day Salt Beef
11			Lay by Head N. W.			
12	1	1	North			Latitude 28° 5' 10" Lat.
1	1					
2	1					
3						
4	2		E by S			
5	3	1				
6	4	1	N. E.	S. W.		
7	4	1				
8	3					
9	2	1				
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
4596	32	17 1/2	27	8° 18' S	8° 10' S		28 E	124° 1' East.	

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Tuesday Decr 29 th 1818
1						Commences Calm. And fine Weather.
2	6	1	North	W. N. W.		At 1 P.M. a boat was discovered coming from the Island. but a fine breeze sprung up. And we left her. At 4 P.M.
3	7					A heavy squall of wind, rain, took in light sails. At 5 hauled up the main course, and lowered the spanker. & hauled down the jib. (At 4 East part of Ombay bore south.)
4	7					At 5-30 Double Breech top sails.
5	7					Stook in top gallant sails. At 6-30 let 1 reef out of the top sails. Set top gallant sails, fore top mast, & mizen stay sails. Middle Vainy with lightning. At 5 etc. let out reefs in set the Mizen, studding sails, & stay sails flying jib. At 9 took in studding sails, & hauled up. At 12 set studding sails.
6	4	1	S by W			Ends Calm with heavy rain.
7	6					Dinner to Day Pork & Beans.
8	6					
9	7	1				
10	7	1				
11	8					
12	8					
1	8		North			
2	8					
3	7	1		West.		
4	6	1				
5	6	1				
6	7					
7	7					
8	6	1				
9	6	1				
10	7	1				
11	4					
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
824	151	150	9	5° 40' S	none	none	9'	124° 04' East	

Nidus from *Salem* towards *Canton*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Decr 30 th 1818.
1	2		NNE	NNE by E		Commences light Winds, & Pleasant Weather.
2	2		NNE by E			At 3 PM in all sheeting sails, & braced
3	2					Up sharp At 3:30 AM squally took
4	2	1				in Royals & flying jib. At 4 hauled
5	2	1	NNE	Variable.		up the main Course. & top Gallant sails.
6	3					At 5 made sail. At 5:30 set fore top
7	3					mast & main top. gallant sheeting sails
8	3		NNE			At 8 AM a heavy squall of Wind,
9	3	1				and Rain took in Royals & flying jib.
10	3	1	North			& sheeting sails, hauled up the main
11	3					Course, & took in top gallant sails.
12	3					At 11:30 set main Course & top Gall
1	3		NNE			ant sails. Ends light Winds.
2	3					And Rainy. with an Indian
3	2	1				Pudding. for Dinner.
4	2	1				This Day Caught a fine
5	8		North			Bonnet.
6	8					
7	3	1				
8	3					
9	8		NNE			
10	8					
11	7		NNE			
12	7					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 13 E	90'	88'	20'	4° 12' S	none	none	20' E.	124° 24' East	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Decr 31 st 1818.
1	1		North	Light		Commences light Winds, & Rainy
2	2					Weather. At 1 PM the man at the
3	2	1		NNE		mast head. discovered land. At 3 PM
4	2	1				the land bore East. Distance about 4 miles.
5	3	1	NNE	NNE		this was the Island of Bocto. At
6	3	1				3:15 hauled in the Weather-braced.
7	5	1				and set sheeting sails. 5:30 saw more
8	6	1	NNE			land to Starboard of us. At 10 PM
9	6		NNE			fired ship. At 12 midnight in all
10	5	1	NNE			studding sails and braced up on
11	5					the Starboard tack. At 1:00 AM
12	4	1	NNE			squared the yards, and set studding
1	3	1	ESE			sails fore & aft. At 6 AM stay sails.
2	3	1				At 8 in studding sails, down with
3	3					new top sails, & sent 1st crew.
4	2	1				Ends Rainy With fine
5	3	1				Winds. which was a small
6	3	1				squall.
7	3	1				Dinner to Day Deck.
8	3	1				
9	3					
10	2	1				
11	Calm					
12	6					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 47 E	78'	53'	57'	3° 19' S	none	none	57' E	125° 21' East	

Middle from *Yarm* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Friday Jan 1 1819
1	2	1	N East	ESE		New Year Commences With moderate
2	1					Breeze and Cloudy weather.
3	1		N East			At 3 P.M. braced the yards up
4	1					sharp. At 4 squared the yards and
5						set studding sails. At 6 took in
6	Calm					studding sails & braced up on the
7	1					starboard tack. A number of
8	1	1	E by S			Islands in sight, Cerum. on the
9	1	1				Starboard hand, & E by N. Major.
10	1	1				on the Port hand. A number of other
11						
12	Calm					
1						
2	1		East	Variable		Crew employed Making Cannon
3	2	1				Cartridges, Cleaning muskets
4	3					snovids &c. Carpenter Caulking
5	2	1				the lower Deck.
6	3		ESE			
7	3					Ends fine Breeze & fair weather
8	3					
9	3					
10	3					
11	1					Dinner to Day Salt Beef.
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 72° E	42'	13'	39	3° 06'	none	none	40° E	126° N East.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday Jan 2 1819
1	3		E by S	N East		Commences Light Winds and Cloudy
2	2					weather.
3	2					
4	3					
5	2					Middle Calm & fine weather
6	1	1		Variable		but Very Warm.
7	2		N East			
8	2	1				
9	1		N East			Later part. Light Breeze.
10	1					
11	Calm					
12						All hands employed Varnishing
1	1	1				and blacking the sides of the ship
2	1	1				At 11 A.M. set all stowing sail
3	1	1				
4	Calm					
5						
6						
7						
8						
9						
10						Dinner to Day Salt Fish
11	2	1	N East			
12	3					Lat Ob. 2° 10' South

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 62° E	29'	14'	25	2° 52' N	2° 10' S	none	25° E	126 26	127° 37' East

Nidas from *Salem* towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Jan 3 ^d 1819.
1	2		at Edge	SW by S		Commences light Winds and cloudy weather. At 3 in studding sail.
2	2					
3	2					
4	1	1				At 5 AM a heavy squall came in light sails. Reduced to the main sail. At 5 30 made sail.
5	1					
6	Calm					
7	2		E by South			At 8 squally with rain. At 9 fine
8	3		W by S			Breeze. Set studding sails. three small
9	2	1	E. by S			Islands in sight. At noon the largest
10	2	1				Pulo Wang. bore & N E by E.
11	1	1	East.			Distance 5 leagues.
12	1	1				
1	2		E by South			Ends fair Wind & Rainy
2	3					Weather.
3	3	1	W by S			
4	3	1				
5	3					
6	2	1	E & S	Force		This Day killed a pig which gave us
7	3	1				a fine sea ige. got dinner
8	3					
9	4					
10	5	1				
11	5	1				
12	5	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
150	42'	23. N	35'	1° 49'	none	none	35' E.	127° 45'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Jan 4 ^d 1819.
1	4		E & S	SE by E		Commences fine Breeze & cloudy weather. At 3 PM. Discovered land on the starboard bow. At 5 land on the starboard bow.
2	3	1				
3	4	1				
4	4	1				
5	4		E by S			Middle calm and very warm.
6	3	1				At 8 AM 7 Islands in sight.
7	2	1	E by S			the 2 largest Pulo Poya & S by Sol.
8	2	1				Pulo Poya is a long low island & at
9	1					a distance resembles a forest.
10						
11						At 4 PM Pulo Wang. bore W & W.
12						Pulo Poya & E by S. My Sol. S by E.
1						
2						
3						
4						At noon the East part of Pulo
5						Poya. bore & E by S. My Sol. S by East.
6	1	1	East			All hands employed. Larring rigging.
7	1	1				
8	1	1				Ends calm and fair.
9	1	1				Dinner to day. Salt Beef. Potatoes.
10	1					
11						
12						Latitude Obs ^d 1° 26' South

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
172	35'	11'	31'	1° 38'	1° 26'	none	34' E	127° 35'	

Ships from *London* towards *London*.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks
1	Calm					Commences Calm & fine Weather
2	3		E by S			At 30 minutes past meridian Rainy
3	4					At 1 P.M. Discovered 2 Ships Coming
4	4					from Pulo Pota towards the Ship.
5	4		E by S			We Charged the Guns with Grape Shot
6	3	1				they passed us without coming near
7	4					enough to discern who they were.
8	3	1	West.			At 4 P.M. they were lost of us &
9	4					just in sight
10	5					At 5 P.M. Pulo Pota bore West.
11	4	1	E by S			
12	4					At noon bore a Hat's ear of East.
1	3		N by W			Entrance of Pulo Pota & B.C.
2	3		N by W			Pota will be by South
3	2	1	N by W			Ends light Winds & the Weather
4	2					extremely Warm.
5	2		E by S			
6	1	1				
7	2					
8	3		N by W			
9	2					
10	1	1				Dinner to Day's Cook & Beans.
11	1					
12	1					Latitude 12° 10' N. Longitude 128° 10' E.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 50° E	35'	23'	2'	1° 03'	1° 02'	none	27'	128° 02' E.	

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks
1	Calm					Commences Calm & Very Warm Weather.
2						At 2 P.M. got the Sheet anchor on the Coast.
3						and bent the Cable. At 4 P.M. Breeze from
4						the S by W. At 5 latched to the W by W
5	3		N by E			At 7 latched ship to the S by E.
6	2		N by W			At 8 P.M. Fisher Island bore S. by East.
7	1	1				Cape Maybo. S. by E. & E. At noon
8	3		N by E			Fisher Island bore S. by West. Cape
9	3					Maybo. bore South. Island of Pota
10	3	1				in sight bore S. by East. the Ship
11	3	1				at noon going Astern.
12	3	1				This Day Myriads of Birds
1	2	1	N by W			& Fish in Abundance.
2	2	1	E by S			Ends Calm & extremely Warm.
3						
4	Long by					
5						
6	1		N by E			
7	1					
8	1					
9	Calm					
10						Dinner to Day's Pudding.
11	Calm					
12	Calm					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 50° E	23'	18'	14'	49° 1'	none	none	14' 6"	128° 16' East	

Widas from *Widom* towards *Wanlon*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Jan ^y 7 th 1818
1						Commence Calm & Very Warm At 3 P.M.
2	<i>Calm</i>					a breeze from the S. West. At 8 we were
3						at the Entrance of Dumfriess Straits.
4	1		N East S West			At 11 a strong tide setting us out
5	2	1				Called all hands to tow ship toward
6	3					the boat & got ready but a breeze sprang
7	4					up we stood on with the land & anchored
8	3					in 25 fathoms water. At 8 A.M. about
9	3					20 boats with 6 or 8 New Guineans in each
10	3					Came along side, bringing Mats, Birds, fish
11	3					Cocoa nuts plantains bananas. but 2
12	2	1				airours. & 2 of them appeared to
1	2	1				be Chiefs. came on board the ship. the
2						Captain gave them an old Ensign they
3						immediately hoisted, it on one of their
4						boats. At noon part of the boats left
5						us.
6						Ends fair Wind but light
7						& Warm Weather.
8						At noon Pigeon Island bore S & E.
9						Augusta Island S & W by N.
10						Dinner to Lay Park & Peas
11						
12						

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
145°	29'	21'	21	0°28'S	none	none	21'	128°37' East	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Jan ^y 8 th 1818.
1						Commence with Light. Winds &
2	5		S & by E	S West.		pleasant weather. At 1 P.M. weighed
3	4					Anchor. And set sail when the boats
4	3		E by S	South		left us. At 2 set studding sails At 4 in
5	<i>Calm</i>					studding sails and stood up. At
6	<i>Calm</i>					7 30 P.M. nearly calm and a strong tide
7						setting us out. Down boat & toward
8						the ship. till 12 midnight. when
9						the tide turned in our favour.
10						At 9 A.M. 1 boat filled with natives
11						Came along side, bringing, articles.
12						for trade. At noon a fine breeze
1						sprang up and the boats left us.
2						There being a very strong current
3						for a few days back & very
4						light & head winds. I shall take
5						a new departure, when we get
6						clear of Dumfriess Straits.
7						Ends Very Warm
8	3		East.			Dinner to Day Late Back
9	3					
10	3					
11	3					
12	3		S & E by E			

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
147°	24'	10'S	22'	18'S	34'	none	22'	128°59'	

Notes from *Valm* towards *Canion*.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Saturday Jan'y 9 th 1819.
1	3		East	West		Commences light Winds & Pleasant weather.
2	2					At 3 P.M. hauled in the weather braces and set starboard sheeting sails.
3	1	1	E & E.			At 8 P.M. in all sheeting sails and rigged in the beam.
4	1	1				Middle Part moderate & pleasant.
5	2					At 6 A.M. a Squall Rising. handed the Royals and latched Ship.
6	2					At 7 A.M. set the Royals. At 8 P.M. set the starboard slack. At noon latched Ship.
7	1					At 4 P.M. King Williams Island bore W 1/2 South.
8	Calm					
9	1	1	East.			At noon near Guinea bore N & W 1/2 E. eastern part E By South.
10	1	1				
11	1	1				Edwards Island W by S 1/2 South.
12	1	1				
1	3					
2	3					
3	3					
4	3					
5	2	1	E by N 1/2 E			Ends light Winds & Pleasant Weather.
6	2					
7	1	1				
8	3		N & E 1/2 E			
9	2					
10	2					
11	2					
12	2					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 77° W	47'	11'	45'	23° S	30° S	none	45° E	129 1/4 East.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Jan'y 10 th 1819.
1	3		N & W 1/2	S East		Begins Moderate & Pleasant.
2	3	1				At 8 P.M. latched Ship to the Northward
3	4					At 10 P.M. latched to the Eastward
4	4					At 11 P.M. latched to the S. West.
5	4		E by S			Middle moderate and pleasant.
6	4	1	E 1/2 S			At 5 A.M. latched Ship to the
7	4	1	E 1/2 S			W. East. & handed the Royals.
8	5					
9	5					At 6 A.M. set the Royals.
10	5					
11	3		E & S E.			At noon point Pigeon bore N & E 1/2 West.
12	2		East 1 mile & 1/2 N & E 1/2 N			At 9 A.M. latched Ship to the North
1	2		N & E			W. of Good hope of New Guinea.
2	3					E 1/2 North. There being a Current.
3	3					Setting S. E. S. allow 30 miles.
4	3		N & E 1/2 E			Ends light breeze & Pleasant Weather.
5	3					
6	3		East.			
7	3					
8	2					
9	1					
10	2	1	N & E			Dinner to Day 11 th
11	2	1				
12	2	1	S by W			Latitude 11° South.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 38° W	46'	27'	36'	0° 03' S	0° 11' S	none	36° E	130° 20' East.	

Midas from *Durum* towards *Canton*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Jan ^y 11 th 1819.
1	3		E by S	N East		Begins With light Winds and fine
2	3					Weather. At 1 P.M. tack'd ship
3	3		East.			to the Eastward. At 12 midnight tack'd
4	3	1				to the S.W. At 1 A.M. to the Eastward
5	3		E by S			At 3 A.M. to the S.W. At 7 A.M.
6	3					tack'd to the East. At 10 A.M. squared
7	3					the yards & set studding sails. At 11:30
8	4					in studding sails. & hauled up. Sharp.
9	4		E by S			This Day all hands employ'd
10	4					painting the boats & bucket's.
11	4	1				mending sails. &c.
12	5		N by E & S			At noon Waggco. bar W.S.W.
1	4	1	E by S			Cape of Good Hope. E.S.E.
2	4					Ends Pleasant Weather.
3	3					Sallow 12 miles to the S. East for Canton.
4	3					
5	2					
6	1					
7	3					
8	3					
9	2	1				Dinner to Day Minut Meas.
10	2	1				
11	2	1				
12	2	1				Latitude 28 th 5' North

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 78 E	63'	13' 8"	62'	2' North	0° 05' 8"	none	62'	131° 22'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday Jan ^y 12 th 1819.
1	2	1	N East	S.E.		Commences with fine Weather.
2	2					At 4 P.M. a heavy squall, hauled Royals
3	1	2	N.E. & W	N East		and topgallant sails. & hauled up the
4	2					mainmast. & Double Rigid the topsails.
5	2					& Spanker. At 6 moderate let out
6	2	1				Reefs & set topgallant sails. At 7 P.M.
7	1	1				set the Royals. At 9 the Wind aft
8	1	1				rigged out studding sails, boom. and
9	1					the Wind. When it was it was
10						gone. And left the Cabin as it blew
11						At 10 P.M. a light, breeze raised up
12						and rigged in the boom. At 11 A.M.
1						the Wind aft again set studding sails.
2						Ends light Wind and Pleasant.
3						Weather. Warm.
4						A Strong westerly Current. This Day
5						made N. of the Great Islands, bearing
6						from S.W. by W. to W. by S. At noon the
7						Eastern part of Waggeco. bar S.E. by E.
8						
9	1	1	East.	S.W.		Dinner to Day Cook & Beans.
10	1	1				Latitude 28 th
11	1	1				
12	1	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 41 E	19'	14'	5'	19' 4"	30' 0"	none	5'	131° 27'	East.

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday Jan 13 th 1819.
1	Calm			W.S.W.		Commences Calm. At 2 P.M. fished ship.
2						At 3 hauled in the Lee Braces and
3						took in the Lee studding sails.
4	2	1	East			At 4 A.M. Squally Braced up and
5	3	1				in all studding sails. stay sails
6	4			Variable		flying jib. from 4 to 8 A.M. fished
7	5					ship 13 times. At 8 set studding sails.
8	4					At 9 A.M. fished again at noon
9	4	1				squally in studding sails. & staysails.
10	4	1				Latter Part Breeze.
11	4					Ends fine Breeze & Cloudy
12	2					
1	4		E.N.E.			
2	4					
3	3					
4	3					
5	6					
6	6	1				
7	6	1				
8	6					
9	5					Dinner to Day Pudding & Roast
10	4		N.E. by E.			
11	4					Latitude Obs ^d 55 th North
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 74 E	88'	24'	85'	0° 54' N	0° 55' N	more	1° 25'	132° 52'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Jan 14 th 1819.
1	4		N.E. by E	Variable		Commences fine Breeze & Cloudy
2	3					Weather. At 2 P.M. set fore Mast
3	3	1				mast & main top gallant studding
4	3	1				sails & staysails. At 5 in studding
5	3		E by S			sails & braced up ship.
6	3					Middle Cabin as a clock
7	3	1	East.			watch employd. moving bibles.
8	2	1				Latter part Very Warm. All
9	1	1				hands employd painting boats
10	Calm					mending sails picking Takum. &c.
11						This Day caught 2 Sharks
12						I allow 16 miles Current to the
1						W. & West.
2						
3						
4						
5						
6						
7						
8						
9						
10						Dinner to Day Pork & Pans. with some
11						fry'd Shark.
12						Latitude Obs ^d 1° 11' East.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 34 E	18'	15'	10'	1° 10' N	1° 11' N	more	10' East	133° 02'	

Midas from *Salem* towards *Canton*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Jan ^y 15. 1819
1		1	N by W			Begins moderate & Pleasant
2		1				
3		1				
4		1				
5	1	1	NW by N			Middle Calm.
6	2					
7	2		N West			At 7 AM sent down the new
8	1	1				foresail and bent the Old
9	1	1	East.			one.
10	1	1				
11	1	1	N E by E			
12	2					Ends Calm & very Warm
1	1		N East			
2	1					
3	Calm					
4	"	"				
5	"	"				
6	"	"				
7	"	"				
8	"	"				
9	"	"				
10	"	"				Dinner To Day Salt & Beef.
11	"	"				
12	"	"				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
North	10'	10' N	none	1° 21' N	none	none	none	133° 02' East	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday Jan ^y 16 th 1819
1	Calm					Commences Calm & very Warm
2	"					
3	"					At 3 P.M. A breeze springing up
4	1	1	E by E.			from the North.
5	2		N E.			
6	2					At 5 P.M. Set fore top mast &
7	3		N E ½ E			main top gallant standing sails
8	3					and staysails.
9	3	1	N E by E			
10	4					Middle Part Moderate &
11	4		N East			Pleasant.
12	4					
1	4					At 11.30 AM set main top mast
2	4					and lower standing sails.
3	3					
4	3					
5	2	1				Ends light Breeze & Pleasant
6	2	1				Weather. Crew employed repairing
7	2	1				the Ship &c &c
8	2	1				
9	2	1				
10	2	1				Dinner to Day Tongues & Mutton.
11	2	1				Latitude Obs ^d 1° 51' North.
12	2	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 47 E	61'	41'	45	2° 02' N	1° 51' N	none	45' E	133° 47' E	

Alidas from *Salem* towards *Canton*.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sunday Jan ^y 17 th 1819
1	2	1	NE			Commences light Winds & pleasant Weather. At 2 P.M. in shudding sails and cruised up.
2	2					
3	2					
4	2					
5	2					
6	2	1	NE 1/2 E			Middle light Winds & Pleasant Weather.
7	3		NE 1/2 E			
8	3	1				
9	3					
10	2	1				
11	2	1				At 5 set fore top mast & top Gallant steering sails.
12	2	1				
1	2	1				
2	3					
3	3		NE			
4	3					All hands employed setting up rigging & putting the guns in the lower hold.
5	3		NE 1/2 E			
6	2	1				
7	2	1				
8	2	1				
9	2	1				Ends light Winds & Pleasant Weather.
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 53 E	65'	39'	52'	2° 20'	2° 21'	more	52'E	134° 39'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Jan ^y 18 th 1819
1	3		ENE	NE E		Commences these 24 Hours with light winds and pleasant Weather.
2	3					
3	2	1				
4	2	1				
5	2		NE 1/2 E	NE 1/2 E		
6	2	1				Middle part Cloudy.
7	3	1				
8	4					
9	4					
10	4					
11	3	1				Ends With a fine Breeze.
12	3	1				
1	4	1	ENE			
2	4	1				
3	4	1				
4	4	1				All hands employed Drawing yams & picking Oakum.
5	4		NE 1/2 N			
6	4					
7	3		NE 1/2 E			
8	2	1				
9	3	1	NE 1/2 E			Longitude per Lunat. 134° 56' East
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 59 E	85'	44'	73'	3° 05'	3° 02'	more	1° 13'E	135° 52'	134° 56'E

Middle from Salem towards Canton

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday Jan'y 19 th 1819.
1	4		E ^{NE}	North		Begins with moderate Breezes
2	3					and pleasant weather. At 7 AM
3	3					sent the top gallant studding sails
4	3					out of the tops.
5	3					At 11 P.M sent all the studding
6	2	1				sail Booms on Deck.
7	2		E by N			
8	2					
9	2					Ends Raining with Squalls.
10	2	1				
11	4		N by E			
12	4					Longitude Corrected by the Lunar
1	4		NW			At 10 P.M tacked Ship.
2	4					
3	4		NW by W			
4	4					
5	3	1	NW 1/2 W			
6	2	1				
7	2					
8	2					
9	3		North	E NE		
10	3					Dinner to Day Pork & Beans.
11	1	1	NW by W			
12	1	1				

Course	Dist.	Diff Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 2° W	40'	40' N	2' W	3° 42' N	none	none	0° 02' W	134° 54' E	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Jan'y 20. 1819.
1	Calm			N East.		Commences Calm. At 1 P.M a breeze
2	4	1	N ^{NE} W.			from the N. East. which no Doubt
3	5	1				is the begining of the monsoons.
4	6					At 4 P.M in Royals. At 7 P.M
5	5	1	N ^{NE} W			furled the top gallant sails. At
6	5					10 P.M single Reefs the top sails.
7	6	1	North.			At 1 A.M. hauled up the mainsail.
8	7					lowered the spanker. & set the
9	6					mizen staysail. At 6 A.M set
10	5	1				the mainsail spanker. & top gallant
11	5	1	N ^{NE} W.			sails & shook the Reefs out of the
12	5					top sails.
1	7					Ends stiff Breeze &
2	6					Squally with heavy Rain.
3	5	1				Dinner to Day Pudding & Beef.
4	5	1				Latitude Obs ^d 5° 34' North.
5	5		North.			
6	4					
7	5					
8	5					
9	5	1	N by W 1/2 W			
10	5	1				
11	5	1				
12	5	1				

Course	Dist	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 8° W	125'	124' N	17'	5° 46' N	5° 34' N	none	17' W	134° 37' E	

Sliders from Salem towards Canton

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Thursday Jan'y 21. 1819.
1	6		N ^W W			Commences stiff Breeze & Squally
2	6					At 4 P.M. sent down Royal quarters
3	5					and masts & rigged in the flying jib
4	3	1	N West			& boom. At 7 P.M. heavy Squall took
5	2					in top gallant sails. & close reefed
6	2					the top sails. furled the jib & shanket
7	2		N by W.			hauled up the mainsail. & set fore top
8	2					mast staysail. Middle Squally & Rainy
9	3					Dark. Hauled up the foresail & set
10	3		N ^W W			her close to the wind. At 6 o'clock
11	2	1				set fore sail & mainsail. Double Reef
12	2					the shanket & set it hook & reef
1	1	1	N ^W E			out of the topsails. & set the jib
2	1	1				At 8 o'clock saw the Island of Angou
3	1	1				one of the Pelews, bearing N by East
4	2					At 8:30 o'clock set top gallant sails.
5	2					At 1/2 past 9 o'clock the Island
6	3	1	South			of Angou bore East. Distance
7	3					12 miles. from which I take a
8	4					departure. Ends stiff Breeze
9	6	1	N ^W W			and Rainy.
10	7	1	N ^W W			Dinner to Day both & has.
11	7	1	N ^W W			
12	6	1	N ^W W			

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 26 W 28'	25'	12'	7° 21'	none	none		12' W	134° 09'	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday Jan'y 22. 1819.
1	6	1	N ^W W	E ^W N ^E		Commences stiff Breeze & Rainy
2	7	1				weather. At 8 o'clock squally took
3	7	1	North			in top gallant sails. And Double
4	6					Reefed the fore & main topsails.
5	7					At 9 o'clock set 1 Reef out of the
6	5					topsails. & set top gallant sail.
7	6					At 11 P.M. furled fore & main
8	5					top gallant sails.
9	6					Middle squally with Rain.
10	6					At 2 A.M. furled the main top
11	6		N by W.			gallant sail. At 6 o'clock out
12	7					Reefed and set top gallant sails.
1	7					Ends stiff Breeze and Rainy Weather.
2	7					
3	6					
4	5	1	N ^W W			
5	5	1				
6	4	1	N ^W W			
7	4		N ^W W			
8	4					
9	6		North			
10	6	1				Dinner to Day minced meat.
11	6	1				
12	6	1				Latitude Ob. 9° 52' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 5 W 143'	142'	13'	9° 43'	9° 52'	none		13' W	133° 56'	East

Midas from Salem towards Canton.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday Jan'y 23 rd 1819.
1	6		North.	East		Commences with a stiff Breeze &
2	6					Rainy weather.
3	7					
4	7	1				Middle Raining with Lightning
5	6	1				
6	5	1				
7	5					
8	4	1				At 6 AM the shings of the
9	4	1				main yard parted. put on
10	4	1				a temporary one until a new
11	5					one was fitted.
12	5					
1	1					
2	3		N.N.W.			Crew employed making a new
3	3	1	N by E.	W by S		shing. sprung again. &c.
4	2		North.			
5	6					
6	4	1		to		
7	3					Ends with a fine Breeze
8	4					and Cloudy Weather.
9	4		N.N.W.	E. & E.		
10	5	1				Dinner to Day sounds & tongues.
11	7		N.W. 1/2 W.	S. by E.		
12	7	1				Latitude Obs ^d 11° 44' N

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 8° W	115'	114'	17'	11° 46'	11° 44'	none	17' W	133° 39' E	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday Jan'y 24 th 1819.
1	5	1	N.W. 1/2 W.	N. & E.		Commences with a fine Breeze &
2	5	1				Cloudy weather. At 7 PM all hands
3	6					single. Reefed topsails & started the
4	6					gallant sails. & Doubled Reefed the
5	7		N.W. & E.			Spanker. At 9 PM set fore & main
6	7	1				sails. At 11 PM started fore & main
7	8					top gallant sails. At 5 AM out
8	8					all Reefs & set fore & main top
9	8					gallant sails. At 8 sent aloft the
10	7	1				fore top mast steering sail Booms &
11	7	1				set the fore top mast & lower steering
12	7	1				sails. At 9 AM sent aloft the
1	7	1				main royal mast & yard. & set
2	7	1				the sail. At Meridian sent aloft
3	8					the main top mast & top gallant
4	8					steering sail Booms & set the sails.
5	8					
6	8					Ends with a stiff Breeze
7	8					and fine weather.
8	8					
9	7	1				Dinner to Day tea &c.
10	7	1				Latitude Obs ^d 14° 32' North.
11	8					
12	8					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 26° W	176'	158'	77'	14° 22' N	14° 32'	none	1° 19' W	132° 20' E	

Mills from July 11 towards Canton

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Monday July 25 th 1819.
1	7	1	N.W. by E	3 E		Commences with a strong breeze & fine weather. At 3 o'clock sent down the gallant mizzen sail.
2	7	1				At 4 o'clock sent down the main top gallant mizzen sail.
3	7	1				At 5 o'clock sent down the fore top gallant mizzen sail.
4	7	1				At 6 o'clock sent down the fore top gallant mizzen sail.
5	6	1				At 7 o'clock sent down the fore top gallant mizzen sail.
6	5	1				At 8 o'clock sent down the fore top gallant mizzen sail.
7	5	1				At 9 o'clock sent down the fore top gallant mizzen sail.
8	5	1				At 10 o'clock sent down the fore top gallant mizzen sail.
9	5	1				At 11 o'clock sent down the fore top gallant mizzen sail.
10	5	1				At 12 o'clock sent down the fore top gallant mizzen sail.
11	5	1				At 1 o'clock sent down the fore top gallant mizzen sail.
12	5	1				At 2 o'clock sent down the fore top gallant mizzen sail.
1	5	1	N.W. by E	3 E		At 3 o'clock sent down the fore top gallant mizzen sail.
2	5	1				At 4 o'clock sent down the fore top gallant mizzen sail.
3	5	1				At 5 o'clock sent down the fore top gallant mizzen sail.
4	5	1				At 6 o'clock sent down the fore top gallant mizzen sail.
5	5	1				At 7 o'clock sent down the fore top gallant mizzen sail.
6	5	1				At 8 o'clock sent down the fore top gallant mizzen sail.
7	5	1				At 9 o'clock sent down the fore top gallant mizzen sail.
8	5	1				At 10 o'clock sent down the fore top gallant mizzen sail.
9	6	1				At 11 o'clock sent down the fore top gallant mizzen sail.
10	7	1				At 12 o'clock sent down the fore top gallant mizzen sail.
11	7	1				At 1 o'clock sent down the fore top gallant mizzen sail.
12	7	1				At 2 o'clock sent down the fore top gallant mizzen sail.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 3/4 E	143	122'	7 1/2	16° 3 1/4'	16° 3 1/4'	none	1° 1 1/2'	131° 0 1/2' E	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday July 26 th 1819.
1	7	1	N.W.			Commences with a strong breeze & cloudy weather. At 1 P.M. sent down the fore top gallant mizzen sail.
2	7	1				At 2 P.M. sent down the fore top gallant mizzen sail.
3	7	1				At 3 P.M. sent down the fore top gallant mizzen sail.
4	8	1				At 4 P.M. sent down the fore top gallant mizzen sail.
5	7	1				At 5 P.M. sent down the fore top gallant mizzen sail.
6	6	1				At 6 P.M. sent down the fore top gallant mizzen sail.
7	3	1				At 7 P.M. sent down the fore top gallant mizzen sail.
8	3	1				At 8 P.M. sent down the fore top gallant mizzen sail.
9	3	1				At 9 P.M. sent down the fore top gallant mizzen sail.
10	3	1				At 10 P.M. sent down the fore top gallant mizzen sail.
11	2	1				At 11 P.M. sent down the fore top gallant mizzen sail.
12	2	1				At 12 P.M. sent down the fore top gallant mizzen sail.
1	2	1	N.W.			At 1 P.M. sent down the fore top gallant mizzen sail.
2	2	1				At 2 P.M. sent down the fore top gallant mizzen sail.
3	2	1				At 3 P.M. sent down the fore top gallant mizzen sail.
4	2	1				At 4 P.M. sent down the fore top gallant mizzen sail.
5	2	1				At 5 P.M. sent down the fore top gallant mizzen sail.
6	3	1				At 6 P.M. sent down the fore top gallant mizzen sail.
7	3	1				At 7 P.M. sent down the fore top gallant mizzen sail.
8	3	1				At 8 P.M. sent down the fore top gallant mizzen sail.
9	3	1				At 9 P.M. sent down the fore top gallant mizzen sail.
10	3	1				At 10 P.M. sent down the fore top gallant mizzen sail.
11	3	1				At 11 P.M. sent down the fore top gallant mizzen sail.
12	3	1				At 12 P.M. sent down the fore top gallant mizzen sail.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 3/4 E	92'	61'	70'	17° 35'	17° 35'	none	1° 13'	129° 30' E	

Middus from Salem towards Canton.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Jan'y 27 th 1819.
1	5	1	NW.			Commences with a stiff Breeze &
2	5	1				Cloudy Weather. - At 2 P.M. set the
3	7					mainsail. At 5 P.M. set the mizen
4	7					top-sail. At 6 the Weather moderate
5	7					set 2 Reefs out of the main topsail.
6	7	1				& one out of the fore & mizen topsails
7	7	1	NW by W			& let the Reef out of the fore-sail.
8	7	1				and set the Spanker. 5 ft.
9	7	1				At 11 P.M. Out all Reefs and set
10	7	1				fore top mast studding-sail & hauled
11	8					down the main stay-sail.
12	8					Middle fine Breeze & fair Weather
1	8					At 7 o'clk sent Aloft-top Gallant
2	7	1				yards, & set the Shills. At 8 o'clk set
3	7	1				main top gallant steering sail &
4	7	1				main top mast, middle & top gallant
5	7	1				staysails. At 10 o'clk took in top gallant
6	7	1				steering sail.
7	7					Ends with a fine Breeze & fair
8	6	1				Weather.
9	7					Dinner to Day Beef & Pudding.
10	8					Latitude Obs ^d 19° 39' North.
11	8	1				
12	8	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 54° W	175'	104'	142'	19° 19' N	19° 39' N	none.	2° 30' W	127° 28'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Jan'y 28 th 1819.
1	9		NW by W			Commences with Stiff Breeze &
2	9	1	W by N			fine Weather - At 3 o'clk took
3	9	1				in top gallant staysails, and fore
4	9	1				top mast steering sail.
5	9	1				Middle Very Dark. hauled
6	10					up foresail & mainsail.
7	10					At 5 hauled to the Wind
8	10					and Double Reefed the topsails,
9	10		W by N			At 6 o'clk Bore Away and
10	10					set the foresail.
11	9	1				At 10 o'clk. saw the Bashaw
12	9	1				Islands, bearing N W by W.
1	9	1	West.			Ends with a stiff Breeze
2	9	1				and a heavy Chop Sea.
3	8					Dinner to Day Pork & Peas.
4	8					
5	8					
6	Lay by					
7	8					
8	8					
9	9	1				
10	9	1				
11	8	1	W by S			
12	8	1	W by S			

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 80° 42' 07"	207'	37'	203'	20° 16'	none	none	3° 36' W	123° 44'	E.

Hides from *Salem* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Friday June 29 th 1819.
1	8		W. S.W.			Commences with a stiff Breeze.
2	8		West			and Raining weather - At 3 P.M.
3	8	1				Close Reel'd the fore & Mizzen topsails.
4	9		N.W. by W.		1	" Double Reel'd the main one.
5	7		W. S.W.			"
6	7					handed the mainsail. & Reel'd
7	8		W. by N.			the fore sail. & set fore top mast
8	9					main, & Mizzen staysails.
9	8					At 3.30 P.M. the South part
10	8					of Tanbery, one of the Bashia
11	8					fore E & North.
12	8					Middle Squally & Raining.
1	8	1	W. S.W.			At 12 meridian Close Reel'd
2	8	1				the main, & handed the Mizzen
3	8	1				topsails.
4	8		N.W. by W.			
5	8		W. S.W.			Ends with a stiff Breeze.
6	7	1				& Raining weather.
7	7					
8	7					
9	6					Dinner to day Salt Beef.
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1834	137	23'	186	20° 39'	none	none	3° 11' W	120° 27' East.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday June 30 th 1819.
1						Commences with a stiff Gale & Raining.
2						At 6 P.M. set the mainsail & Mizzen
3						topsail.
4						
5						Middle Raining & Cold.
6						
7						At 8 A.M. the Weather moderating
8						out. all Reel'd. and set top gallant
9						sails, fit. & shrouks.
10						At 9 A.M. got the guns on Deck.
11						At 10 A.M. set top gallant sail. &
12						fore top mast & Lower studding
1						sails.
2						This Day saw a great many
3						Chinese fishing Boats.
4						
5						Ends with Light winds & Raining.
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
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Canon.

Commences with fine weather.
At 3 P.M. a Pilot came on board
to carry us to Macao. the L.
Islands in sight.
At 1 A.M. came to land and anchored
in about 9 fathoms of water.
it being nearly calm & the tide
against us.
At 8 A.M. got under way and
beat up. At 12 meridian came
to and anchored at Macao. in
5 fathoms of water.

[illegible]

1		Begins with Pleasant Weather.
2		At 2 PM the Captain went
3		on shore with 6 hands in the
4		boat to obtain a pilot to carry
5		us to Namhoa. He stayed all
6		the night and sent the boat
7		board.
8		At 11 AM sent the boat on
9		for the Captain.
10		
11		Ends with fine weather.
12		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

[illegible]

Midas from Salem towards Canton

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Tuesday Feb 2 ^d 1819.
1						Commences with fine weather.
2						At 4 P.M. the Captain came
3						on board. the Pilot was on the
4						waiting We immediately got
5						under weigh & beat up.
6						At 7 P.M. the tide against us
7						Came to & anchored in 5 fathoms
8						water. At 9 A.M. got under
9						weigh & beat up.
10						Ends with a head wind & fine
11						weather.
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday July 3 ^d 1819.
1						Commences with fine weather.
2						At 2 p.m. passed the first
3						tier of fishing stakes.
4						At 6 P.M. came to and anchored
5						in 5 fathoms water.
6						At 2 o'clock got under weigh.
7						and beat wh. At 11 o'clock
8						the ship Mentor from Canton
9						for Boston. At 11.30 o'clock
10						a river pilot. At 12 o'clock
11						the tide against. We came to
12						and anchored in 16 fathoms water.
1						Two Chinese boats in sight & a
2						number of Chinese men of war.
3						Ends with fine weather.
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

Miles from Station towards Carleton

H.	K.	H.K. Courses.	Winds.	L.W.	Remarks on Thursday July 4 th 1819
1					Commences with a head Wind
2					At 3 P.M. the tide setting wh
3					weighed anchor & got under
4					weigh. At 8 P.M. came to &
5					anchored. At 5 O'Clock weighed
6					anchor. & got under weigh.
7					At 8 O'Clock passed the second bar
8					At 12 Meridian arrived at
9					Whampoa, came to & anchored
10					in 6 fathoms Water.
11					So Ends the Passage out.
12					

[illegible]

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on <i>Weather</i>
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

Widdow from *Coniton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Wednesday April 14 1819
1						Commenced with Rain at 8
2						A.M. the Pilot came on board
3						at 12 the boat went up to
4						Canton. & returned the same
5						night with the Capt & super-
6						cargo at 4 P.M. Unmanned &
7						dropped down the river.
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on Thursday April 15 1819.
1						Commences With fair Wind &
2						Rainy Weather At 3 O'Clock
3						Weighted anchor & set sail.
4						At 4 P.M. being in Macoa Roads
5						the Pilot left us.
6						At 8 P.M. the Wind and tide
7						Ahead, Came to & anchored in
8						5 fathoms water.
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

Midships from *Canton* towards *Boston*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday April 16 th 1819
1						At 6 AM. Weighed anchor.
2						Set sail.
3						At 9 AM. the grand
4						Ladrone Island. bore East.
5						Distance 9 miles. from which
6						I take a Departure.
7						Latitude of the Ladrone
8						Island. 21° 56' North
9						Longitude. 113° 45' East.
10						This Day passed a large
11						number of Chinese fishing
12						boats. & junks.
1						Ends with fine Breeze
2						& Pleasant. Weather.
3						
4						
5						
6						
7						
8						
9						
10	5					
11	4	1				
12	4	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
152 ^W	20'	0-12'	16'	21° 44' N	none.	none.	0° 17' W	113° 28'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday April 17 th 1819
1	5	1	SSE 1/2 W	East		Commences with a fine breeze
2	6					& Pleasant weather.
3	6					All steering sails set.
4	5	1				
5	5	1				
6	5	1				
7	5	1				Middle part Moderate Breeze.
8	6					
9	6	1				
10	6	1				
11	6	1				
12	6					At 9 AM squared the yards.
1	5					& set the starboard main top gallant
2	4	1				steering sail. & hauled down the fore.
3	4	1				
4	4	1				
5	4	1				Ends light Breeze & Pleasant
6	4	1				Weather.
7	4	1				
8	4	1				
9	5					
10	5					
11	4	1				Latitude Obs ^d 19° 54' N.
12	4	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
127 ^W	126'	1° 52' N	58'	19° 52' N	19° 54' N	none	1° 02' W	112° 26'	East.

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Sunday April 18 th 1819
1	5		S by W	E & E		Commences with Light Winds & Pleasant Weather. All sail set. Middle moderate Breeze & Pleasant Weather. At 11 P.M. hauled in the Lee Braces & took in the main top mast steering sail. Ends with Pleasant Weather.
2	5					
3	4	1				
4	4	1				
5	5					
6	5	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6					
12	6					
1	5		S by W	E & E		
2	4					
3	4					
4	4					
5	4					
6	4					
7	4	1				
8	5					
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 21 st W	124'	1° 55'	45'	17° 59'	17° 46'		0° 48'	111° 38'	

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on Monday April 19 th 1819
1	4		S by W	E & E		Commences with Light Winds & Pleasant Weather. At 8 P.M. hauled in the Lee Braces & took in all steering sails. Ends with Light Winds & Pleasant Weather.
2	4	1				
3	5					
4	5	1				
5	6					
6	6					
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6					
12	6					
1	5	1	S by W	E & E		
2	4	1				
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	3	1				
11	3	1				
12	3					

Lat Obs^d 16° 05' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 19 th W	116'	1° 50'	38'	15° 56'	16° 05'	none	0° 40'	110° 58'	East.

Midas from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday April 20 th 1819.
1	3		S S W	S E by E		Commences with Light Winds & Variable.
2	3			and		
3	3					
4	3			Variable		
5	4		S ½ E.	as		
6	4			bed Counter		
7	5		South			Middle part the Same.
8	5	1				
9	5		S ½ W			
10	4	1				
11	4	1				
12	4	1				At 8 o'Clock lashed ship to the Eastward.
1	3		S W by S			
2	2					
3	2					
4	2	1				
5	2	1				Ends with Pleasant Weather.
6	2	1	S West			
7	2					
8	2					
9	1	1	S E by E			
10	1	1				
11	2					
12	3		E by S ½ S			Lat Obs 15° 4' S

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 10° W	67'	1° 05'	10'	15° 00'	15° 04'	none	0° 10'	110° 48'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday April 21 st 1819.
1	4		E by S	S ½ E		Commences with a fine Breeze, & Pleasant Weather.
2	4	1				
3	3	1				
4	3					At 4 P.M. lashed ship to the S. West.
5	4		S W by S	variable		
6	4					
7	4	1				
8	3					
9	3					At 9 o'Clock saw Land. bearing W. S. W. which was Cochin China.
10	4		S West			
11	4					
12	4					
1	4		S W ½ W			
2	4					Ends with a fine Breeze & Pleasant Weather.
3	4	1				
4	4	1				
5	4		S W ½ S			
6	4					
7	3					
8	3	1				
9	4		S W ½ W			
10	5	1				
11	5	1				
12	6	1				Latitude Obs 14° 32' S

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 37° W	73'	58'	43'	14° 06'	14° 32'	none	44' W	110° 04'	

Middle from Canton towards Boston.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Thursday April 22 1819
1	4	1	SW 1/2 S			Begins with moderate Breezes
2	4	1				& Pleasant Weather.
3	5		SW 1/2 S			
4	5					
5	4	1	SE 1/2 S			
6	3	1				Saw a number of Fishing
7	3		SE 1/2 S			Boats
8	3					
9	2					At 4 P.M. tacked ship to
10	1	1				the Eastward.
11	2	1				
12	2	1	SE 1/2 E			
1	3					At 4 o'clock tacked ship
2	3					to the S West. & took in
3	3	1				the sails.
4	3	1				
5	3	1	SW 1/2 S			
6	3	1				
7	3	1				At 11 A.M. saw the Land
8	3	1				Bearing from W. by N. 1/2 S. by W.
9	4		SW 1/2 S			
10	4	1				
11	4	1	SW 1/2 S			
12	4	1	Dist per Log 86 miles			Lat Obs ^d 14° 02' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SW 1/2	45'	45'	1'	13° 44'	14° 02'	none	0° 1'	110° 03'	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday April 23 1819
1	4		SW 1/2 S			Begins with moderate Breeze
2	4	1				& Cloudy Weather.
3	4	1				
4	4					At 11 P.M. took in Royals
5	4					flying jib.
6	4	1	SE 1/2 S			
7	4					
8	3	1				Middle Squally.
9	3	1				
10	3	1				At 12 midnight furled the
11	3	1				fore & main top gallant sails.
12	3	1				
1	4		SE 1/2 E			At 5 o'clock set the top gallant
2	4					sails.
3	4	1				
4	4	1				
5	4	1				At 9 o'clock set the Royals
6	4	1				& flying jib.
7	4	1				
8	4	1				
9	4	1				Ends with Pleasant
10	4	1				Weather.
11	4	1				
12	4	1				Lat Obs ^d 13° 36' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SE 1/2	74'	37'	60'	13° 25'	13° 36'	none	1° 02' E	111° 05'	

Winds from *Gunton* towards *Boston*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday April 24 1819.
1	4		S E by E		1	Begins with fine weather.
2	5					
3	5		S E by E			
4	5	1				
5	5	1				Middle part the same
6	5	1				
7	5	1	S E by E			
8	5					
9	5		S E ½ E			
10	5					
11	5					At 3 P.M. started the <i>Royal</i>
12	5					& flying <i>Sib</i> .
1	5		S E by S			
2	5					
3	4	1	S E ½ E			At 2 o'clock frequent squalls
4	4					parted the top gallant sails.
5	4					Double Reefed the fore & single
6	4					Reefed the main topsails.
7	4					
8	4					At 7 o'clock let 1 Reef out of the
9	4					fore top sail & set top gallant sails
10	4					At 10 o'clock out Reefed & set the <i>Royal</i>
11	5		S E ½ S			
12	5	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
456E	109'	1° 00'	90'	12° 36'	12° 39'	none	1° 03'	112° 38'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday April 25 1819.
1	5	1	S E		1	Begins with stiff Breeze & fine
2	5	1				Weather. At 4 P.M. tacked ship
3	5					to the Westward & parted the <i>Royal</i>
4	5					
5	4		W ½ N			At 7 P.M. single Reefed the fore
6	3	1				& main top sails. At took in
7	4					top gallant sails.
8	4					
9	3					At 11 P.M. Double Reefed the
10	3					fore top sail. At 5 o'clock
11	3	1	W by S			Reef out of the fore topsail
12	4					& set the main top gallant sail
1	3	1				At 9 o'clock tacked ship to S. E.
2	3	1				
3	3					
4	3		W ½ N			At 10 o'clock out Reefed &
5	3					set the fore & Mizzen top
6	3					gallant sails.
7	3					
8	3					Ends with stiff Breeze & fine
9	3	1				Weather.
10	3	1	S E ½ S			
11	4					
12	4					Lat Obs 12° 31' N

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
83W	28'	0 01 S	28'	12° 38'	12° 31'	none	29'	112° 09'	

Whites from *London* towards *Boston*.

11.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Monday April 26 th 1819.
1	4		S by S	SSW.		Begins with fine Breeze & Pleasant
2	4					Weather. At 11 P.M. the m. Is
3	5		S East.			gallant. back stay, jib, &c. Cinched
4	5					it & set it with 11 P.M. tacked ship
5	5					to the Westward. At 7 P.M. single
6	5	1	West.			reefed the top sails. At 11 P.M. hauled
7	6					down the top gallant sails. & Double
8	6					reefed the fore top sail.
9	4	1				Middle & main top.
10	4	1	West.			At 1 ³⁰ A.M. hauled down the top
11	4					& shankers. & set the fore top mast
12	3	1				stay sail. At 2 A.M. sent down royal
1	3	1				yards & housed the masts.
2	3	1				At 6 A.M. hauled down the studding
3	3	1				& set the fore shankers. & top gallant
4	3	1	West.			sails. At 10 A.M. set the flying jib.
5	3	1				Latitude Obs ^d 12° 31' N.
6	3	1				
7	3	1				
8	2	1				
9	2	1	S East.			
10	2	1				
11	2	1	S by S.			
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 53 ¹⁰ W	31'	16	28	12° 23'	12° 31' N	none.	29' W	109° 40'	109° 59' East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday April 27 th 1819.
1	5	1	S by E	SSW.		Begins with stiff Breeze & Pleasant
2	5	1				Weather. At 4 P.M. tacked ship
3	5	1				to the Westward.
4	5	1				At 7 P.M. single reefed the topsails.
5	5	1	W 1/2 S			At 5 A.M. shook out. Reefs.
6	5	1				At 6 A.M. sent aloft the main
7	5	1	W by S			& fore Royal masts & yards. & set
8	6					the sails. At 8 P.M. tacked ship
9	5					to the Eastward.
10	3					At 10 tacked. Again.
11	2	1	W by S			Ends with Light Winds &
12	2	1				Pleasant Weather.
1	3					
2	3	1	W by S			
3	3	1				
4	3					
5	2	1	West.			
6	2					
7	1	1				
8	1	1				
9	0					
10	0					
11	2	1	SSW.			Latitude Obs ^d 12° 20' N.
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 64 ¹⁰ W	52'	22'	46	12° 09'	12° 20' N	none	47'	110° 53'	East

Middle from Canton towards Boston.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday April 28 th 1819.
1	3	1	S by E	S by E		Begins with moderate Breeze & Pleas-
2	4					ant. Weather. At 3 P.M. saw a
3	4					Chinese junk. No doubt from Batavia
4	4					for Canton. At 5 P.M. lashed
5	4		W by S			ship.
6	2	1				
7	3		S by S			Middle Cabin.
8	3		S by W	West.		At 4 o'clk hauled in the Weather.
9	2					Braces. At 5 o'clk set all steering
10	1	1				sails. & sent about the Mizzen Royal
11						Mast & yard & set the sail. together
12						with all the skysails. At 8 o'clk
1						equally with heavy rain. in all
2						steering sails. At 9 o'clk set all
3						steering sails again.
4						At 11 o'clk. fided Ship.
5	1	1				Ends with Light Winds and
6	3					Pleasant Weather.
7	3	1				
8	3					
9	2	1	South	E by N		
10	1	1				
11						Latitude Obs ^d 11° 35' N
12						

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 31° W	39'	33'	20	11° 47'	11° 35' N	none.	21' W	110° 32'	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday April 29 th 1819
1	1		E by S	S. by W		Begins with Moderate Breezes &
2	2					Pleasant Weather. At 1 P.M.
3	3		W by S			in all steering sails. & braced the
4	2	1				Shut. & Rigged in the Booms.
5	2					At 2 P.M. lashed Ship.
6	1	1	South	W & W		At 7 P.M. hauled in the Weather.
7	2	1				Braces. & set the fore top mast
8	3					with the fore & main top gallant.
9	3					steering sails. At 9 P.M. set the
10	2					main top mast & top gallant.
11	1	1				staysails.
12	1	1				At 4 o'clk set the main top
1	1	1				mast & Lower steering sails.
2	1	1				At 5 o'clk hauled down the
3	2					staysails. At 10 o'clk fided ship.
4	2					Ends with Light Winds.
5	1	1				
6	1	1				
7	2					
8	2					
9	2	1				
10	2	1				
11	3					Latitude Obs ^d 10° 38' N
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 66° W	42'	42'	4'	10° 53'	10° 38' N	none	4' W	110° 28'	East

Albion from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Friday April 30. 1819
1	2	1	South	SE & E		Begins with moderate Breeze & Pleasant Weather.
2	2	1	S by W	E & E		
3	2	1				
4	3					
5	3					At 1 P.M. hauled in the 1 st & 2 ^d braces & took in the fore main top mast & lope gallant steering sails.
6	3					
7	3					
8	3					
9	2		SSW	E & E		Middle part calm.
10	2					
11	1					At 5 P.M. Braced up & took in the fore top mast steering sail.
12	1					
1	Calm					Ends with Light Winds & Pleasant Weather.
2						
3	2		S by W			
4	2					
5	2	1	SSW			There being so much difference between the Latitude by Ob. & the Latitude by dead Reckoning is on account of Current.
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	2					
11	2					
12	2					

Latitude by Ob. $9^{\circ} 29'$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SSW	51'	50'	15'	$9^{\circ} 48' 00''$	$9^{\circ} 29' 00''$	none	15'	110 $^{\circ} 13'$	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday May 1 st 1819.
1	1	1	SW	SE & E		Begins with Light Winds & Pleasant Weather & Very Warm.
2	1	1				
3	2					
4	2					
5	2		SSW			Middle part the same.
6	2					
7	1	1	SSW			At 2 P.M. squared the yards & set all steering sails.
8	2					
9	3					
10	3	1				
11	3	1				Ends with Pleasant Weather
12	3	1				
1	2	1	S by W	E & E		All steering sails set.
2	2	1				
3	3					
4	3	1				
5	3	1				
6	3	1				
7	4					
8	4	1				
9	4	1				
10	5					
11	4					
12	4					

Latitude by Ob. $8^{\circ} 49' 00''$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SSW	71	$1^{\circ} 07' 30''$	22'	$8^{\circ} 22' 00''$	$8^{\circ} 49' 00''$	none	23'	109 $^{\circ} 50' 00''$	

Shutes from *Camden* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday May 2 ^d 1819.
1	3	1	Stby ^W	Stby ^W		Begins with moderate breeze & pleasant weather. At 1 P.M. Squally look in
2	3					steering sails & closed the Royals.
3	3					hauled down flying jib & staysails.
4	3					set them up again immediately.
5	2	1	South			At 3.30 P.M. a Squall of rain & wind
6	1					in steering sails, Royals, Staysails.
7	1					flying jib & Staysails. At 4 P.M.
8	1	1				set them up again. At 6 P.M.
9	4					hoisted the yards & set the Starboard
10	6					main top mast, & top gallant steering
11	7					sails. At 8 P.M. hauled in the Lee
12	7					aces, & took in the Lee steering sails.
1	6					& rigged in the Lee Booms.
2	6					Middle fine breeze & Pleasant
3	5					
4	5					
5	5		Stby ^W ESE			Latter Part Squally with heavy
6	3	1				rain taking in & setting steering
7	3					sails, & bracing the yards. First
8	2	1				on one tack, & then on the other
9	2	1	Stby ^W North			to find the wind so ends Sunday
10	2	1				with a sea & for Dinner.
11	2		SW			
12	2					Latitude Obs ^d 7° 39' 40"

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
Stby ^W	83'	1° 22'	9'	7° 27' 40"	7° 39' 40"	none.	10' W	109° 40'	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday May 3 ^d 1819.
1	2	1	SSW	North.		Begins with Pleasant Weather
2	2	1				All steering sails set.
3	1	1				
4	1	1				At 1 P.M. took in fore top mast.
5	2		SWest			& top gallant steering sails.
6	2					At 6 P.M. set them again.
7	3		Stby ^W ESE			
8	4					
9	3					At 9 P.M. in steering sails.
10	2	1				
11	1	1				At 7 P.M. Braced up on the
12	1					starboard tack.
1	1					
2	1					
3	1					
4	1					
5						Ends with Light Winds &
6						Pleasant Weather.
7						
8						
9	1	1	Stby ^W SWest.			
10	1	1				
11	2					
12	2	1				Latitude Obs ^d 7° 25' 40"

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
Stby ^W	33'	32'	6'	7° 07' 40"	7° 25' 40"	none.	6' W	109° 34'	East

Middle from *center* towards *Reserve*

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Tuesday May 4 th 1819.
1	2		SSE	SW		Begins with Light Winds & Pleasant
2	2					Weather. At 5 P.M. Squared the
3	1	1				yards. At 7 P.M. set all steering
4	1					sails. At 10 P.M. took in the
5	1					main top mast. & Lower steering
6	1		S by E			sails. At 2 P.M. took in fore
7	1					top mast. & top gallant steering
8	2					sails. & Baced up. At 5 P.M.
9	2					squared the yards. & set all
10	1	1				steering sails. At 9 P.M. lowered
11	1	1				the boat & tried the current.
12						& found it setting about 1 Knot
1						to the SSE. At 9 30 in all
2						steering sails & Baced up.
3						
4						Ends Calm & Very Warm
5						
6						
7						
8						
9						
10						
11						
12						Latitude Obs ^d 7° 10' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SSE	15'	15'	1'	7° 10' N	7° 10' N	none.	1' E	109° 35'	East.

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on Wednesday May 5 th 1819.
1	1	1	SSE	SW		Begins with Light Winds &
2	1	1				Pleasant Weather.
3	1	1				
4	1	1				
5	2	1				Middle Part the Same.
6	2	1				
7	2	1				
8	2	1				
9	3					
10	3					
11	3					And so Ends.
12	3					
1	4					
2	4					
3	3	1				
4	3					
5	3					
6	3					
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				Latitude Obs ^d 6° 13' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SSE	63'	57'	27'	6° 13'	6° 13'	none	27'	110° 02'	East.

Midas from Canton towards Boston.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday May 6 th 1819.
1	3		S by E	SE		Commences with Light Winds & Pleasant Weather.
2	3					
3	3					
4	3	1				
5	3	1	South			So continues through the whole 24 Hours.
6	3	1				
7	2	1	SSW			
8	2	1				
9	1	1				At 8 A.M. Sounded in 60 fathoms. Water.
10	2	1				
11	3	1				
12	3	1				
1	3	1				Ends with Light Winds & Pleasant Weather.
2	3	1				
3	3		SSW by W			
4	3					
5	4		S by W			
6	4					
7	3					
8	3					
9	3		S ½ E			
10	3					
11	3		South	WSW		
12	3					

Latitude Obs^d 4° 39'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 6 W	73'	1° 12'	8	5° 01' 8"	4° 39'	none	8'	109° 54'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday May 7 th 1819.
1	4		S by E	SE by E		Begins with Light Winds & Pleasant Weather.
2	4	1				
3	3	1				
4	3	1				
5	3	1				Middle Part the Same.
6	3	1	SE			
7	2	1				
8	2	1				
9	3		S by E ½ E			At 8 A.M. luffed Ship to the Westward.
10	3					
11	3	1	South			
12	3	1				
1	3	1				Sounded and found 50 fathoms of Water.
2	2		S by E			
3	2					
4	2	1				
5	2	1	SE			At 11 ³⁰ a heavy Squall took in Sky sails. Royal. top gallant sails, flying jib & Spanker, and double reefed the topsails.
6	2					
7	2		SE by E			
8	2	1				
9	2	1	S by E ½ S			Ends with Cloudy Weather.
10	3					
11	4		WSW			
12	4					

Latitude Obs^d 3° 32'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 2° E	65	1° 05'	2'	3° 34' 8"	3° 32' 8"	none	2' 0"	109° 56' 2"	

Miles from (center) towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Saturday May 8 th 1819
1	3		S.E.			Begins with moderate weather.
2	2	1				At 1 P.M. out. Creeps & set
3	2	1	S.W.			all sail.
4	2	1				At 9 P.M. lashed ship.
5	2	1	South	100°		
6	3					
7	2	1	S.W.			Middle Calm.
8	2	1				
9	2	1				At 1 P.M. lashed to the
10	3					Castward.
11	4					At 9 P.M. sounded in 50 fathoms
12	4					of water.
1						At 10 P.M. discovered land on
2						the weather.
3						
4						At 11 P.M. the South Atlantic
5	3	1	West	100°		rose from S by W to S.W.
6	2	1				Distance 12 miles.
7	2	1				
8	3					Ends with Light Winds &
9	3					pleasant weather.
10	2					
11	2					
12	2					Latitude 38° 30' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 37° W	30'	24	18	3° 28'	3° 14'	none	18'	109° 38'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday May 9 th 1819.
1						Begins with Light Winds &
2						Pleasant weather.
3	1	1	S.W.	West.		At 6 P.M. Calm & the Current
4	3					telling us towards the Land.
5	2	1	S.W.	W.S.W.		
6	2	1				
7						Came to with the Ketch Anchor.
8						At 6 P.M. got under weigh. &
9						set all our sails fore & aft.
10						At 10 P.M. 11 Islands in sight.
11						these Islands at first sight
12						appear like trees.
1						At noon High Islands bore S by W.
2						
3						Atalons Island, bore W by S.
4						
5						Ends with Light Winds &
6						very Warm weather.
7	1	1	West	East.		
8	2	1				
9	2		West			
10	2	1				
11	1	1				
12	1	1				Latitude 38° 30' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 75° W	16'	5'	10'	3° 09'	3° 04'	none.	16'	109° 22'	East.

Sliders from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday May 10 th 1819.
1	1		SW	SE		Begins with Light Winds &
2	1					Pleasant Weather.
3	3		W & W	S & W		At 1 P.M. in all steering sails.
4	3					engaged with the greatest part
5						of the Ship, the wind light &
6						Variable, bracing the yards from
7		1		light &		one tack to the other.
8		1.		variable		At 3.30 P.M. a light Breeze set
9				enough		the fore top mast fore & main
10	1	1				top gallant steering sails.
11	1	1				At 4 P.M. the Southern Part of
12	1	1				Flat Island bore W by S.
1	1		W by S			Southern part of W by S. Dist. 8 miles
2	2		SW			At 12 the Northern Part of Flat
3	2					Island bore S by West.
4	2					High Island bore W & W.
5						Ends with light Breeze & very
6						Warm.
7						Latitude 41° 34'
8						
9	2		West.			
10	2					
11	2		W & W			
12	2					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 68 W	27'	11'	25'	3° 15'	3° 17'	none	25"	108° 57'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday May 11 th 1819.
1	3	1	N & W	S West		Begins with Light Winds & Pleasant
2	3	1				Weather.
3	4					At 4 P.M. a Squall took in the sails
4	4					Royal flying jib, Middle & top
5	4	1	S ½ E	W & W		gallant Staysails. Tacked Ship to
6	5					the Southward. At 4.30 P.M. discovered
7	5		S ½ W			a Sail on the Weather bow.
8	4	1	W by W			At 6 P.M. Flat Island bore S by E & S.
9	4					At 7 P.M. Tacked Ship to the N West
10	3		W & W			At 12 Midnight. Tacked Ship to the
11	3					South East. At 4 P.M. tacked
12	3					Ship to the W & W. Set the Royals
1	3	1	SSE			& flying jib.
2	3	1				At 8.00 the great & small bores
3	5					N & West.
4	4	1	W & W			Ends with Light Winds &
5	3					Pleasant Weather.
6	2	1	W ½ S			
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1	West.	SSW		Latitude 41° 32'
12	2					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 83 W	33'	4'	33'	3° 13'	3° 26'	none	33'	108° 24'	

Middle from *Camden* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Thursday May 12 th 1879
1	2	1	West.	SSE		Begin with light winds & pleasant weather.
2	2	1				At 5 AM. lashed ship to the Southward.
3	2	1				At 3 PM. lashed ship to the Westward.
4	2	1				At 5 PM. lashed ship to the Southward.
5	2	1	South			At 8 30 PM. lashed ship to the Westward.
6	2	1				
7	3					
8	3					
9	3		West			
10	3					
11	2		West			
12	2					
1	1					Ends with light winds.
2	1					
3						
4						
5						
6						
7						
8						
9						
10						
11	1	1	West.			
12	1	1				

Ends with light winds.

Latitude 3° 15' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
West	31'	15'	28'	3° 11' 8"	3° 15' 8"	none	28'	107° 56' East.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday May 13 th 1879
1	2	1	West.	SSE		Begin with light winds & cloudy weather.
2	3	1	SSE	SE West		At 1 PM. came up a squall with rain. Lashed the rigging flying jib. Middle & top gallant staysails. During the squall we saw a water skout, which continued about 10 minutes. Distance 3 miles.
3	4	1				At 1 30 PM. Rigging flying jib. Middle & top gallant staysails. At 2 PM. set Ryeen. At 3 PM. hauled in the weather braces & set steering sails fore & aft. At 8 PM. braced new & set them on the lashed sails. At 7 30 PM. discovered a sail to windward. At 8 PM. At 8 30 PM. braced the yards & set all steering sails. At 6 PM. West Island bore SE. At 10 PM. it bore E by S. At 8 PM. it bore E & S.
4	3	1				Ends with flying clouds.
5	2	1				
6	1	1				
7						
8						
9	2					
10	3					
11	3	1				
12	3	1				

Latitude 2° 18' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
West	61'	57'	20'	2° 18' 8"	2° 18' 8"	none	20'	107° 36'	

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday May 14 th 1819.
1	5		SbyW	East.		Begins with Light Winds. & Pleasant Weather. At 7 th P.M. in all steering sails & Baced up.
2	6					
3	6					
4	6					At 12 midnight Squared the yards & set all steering sails.
5	5					
6	2	1				Middle Cloudy.
7						
8						At 2 o'clock look in main top mast & Lower steering sails.
9						
10	1	1	SSW			At 4 o'clock squared the yards & set them again.
11	1	1				
12	1	1				At 6 o'clock discovered two pieces on the Weather bow steering South. lost sight of them at 8 o'clock Also discovered Land on the Lee bow bearing S.W. by S.
1	1	1	SbyW	ESE		At 5 P.M. consuet Island bore South West.
2	2					
3	2					
4	2					
5	2					
6	2					
7	3					
8	3					
9	4	1	SbyE			Ends with fine Breeze & Pleasant Weather.
10	5					
11	4					
12	4	1				Latitude 04° 1' 05" N

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S6W	69'	69'	8'	1° 09' N	1° 05' N	none	0° 08' W	107° 28' East	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday May 15 th 1819.
1	2		South	W. by S.		Commences with Light Winds and Pleasant Weather. At 1-30 hauled in the steering sails & rigged in the booms. At 2 P.M. hauled the Royals & flying jib. At 2-30 P.M. hauled in the weather braces. At 3 o'clock the Royals, staysails, flying jib. Fore & main top gallant & fore top mast steering sails.
2	4	1				
3	4	1				
4	3	1				
5	3					
6	3		S 1/2 West.			
7	3					
8	2					
9	2		SbyW			
10	2					
11	3		SSW			Middle heavy Clouds together with thunder & Lightning.
12	2					At 2 o'clock look in steering sails.
1	2					At 3 o'clock hauled the Royals, staysails & flying jib. At 3-30 o'clock a heavy squall with rain, hauled the top gallant sails & lowered the spanker.
2	1	1				
3	1	1	SbyW	E. by S.		At 5 o'clock set spanker top gallant sails Royals & flying jib. At 7 o'clock tacked ship. At 10 o'clock squared the yards, set all steering sails. At 6 P.M. consuet Island bore N.W. Direction Island S.W. by S.
4	4		SbyW			
5	4					
6	3	1				
7	3	1	W by S			
8	3					
9	3	1	SSE	SWest.		At 6 o'clock Direction Island bore S.W. by S. At noon Barber Island bore W. by S. Dist. 8 miles.
10	4					
11	3	1	SbyW			
12	2	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S15W	62'	60'	16'	0° 05' N	0° 01' S	none	16'	107° 12' East	

Miles from *London* towards *Boston*

II.	K.	H.K.	Courses.	Winds	L.W.	Remarks
1	2			16 ³ er		Begins with light breeze & rain
2	1	1				setting in sleeping sails for
3	1	1				the most part of the day weather
4	1	1				extremely dark. At 6 P.M. wind
5	1	1				in the forenoon. Since 8 at the
6	1	1				starboard tacking sail. At 6 P.M.
7	1	1				came up a heavy mist. In the
8	1	1				the forenoon. At 11 P.M. began
9	1	1				to gybe for the port hand side.
10	1	1				At 12 P.M. made good the
11	1	1				topmast. At 1 P.M. fore top mast
12	1	1				downed. At 2 P.M. hauled out
1	1	1				the fore topmast. At 3 P.M. hauled
2	1	1				out 10 P.M. let the fore
3	2	1				at 11 P.M. took out topmast & set the
4	3	1				foremast at 12 meridian hauled
5	4	1				in the weather. Since 2 at
6	4	1				starboard side. At 4 P.M. fore set
7	4	1				topmast. At 5 P.M. middle topmast
8	4	1				& flying jib.
9	4	1				At 6 P.M. passed Island
10	4	1				at 11 P.M. to End Sunday
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
180°	53'	53'	8	1° 53'	none	none	8' 2"	107° 28' East	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	1		180°	10 ³ er		Begins with fine breeze &
2	1					pleasant weather. At 1 P.M.
3	3					switched the Middle & top
4	2	1				mast. At 2 P.M.
5	3					back in standing sails. Since 4
6	3					at 5 P.M. hauled in. At 6 P.M.
7	4					with the fore topmast & flying
8	4					jib. At 12 midnight, hauled
9	3	1				again. At 1 P.M. let the fore
10	3	1				& flying jib. At 2 P.M. hauled
11	3	1				in the weather. Since 2 at
12	3	1				fore topmast. At 3 P.M. fore
1	3	1				gallant tacking sail. At 4 P.M.
2	3	1				at the foremast. At 5 P.M.
3	4	1				middle topmast. At 6 P.M.
4	4	1				at 7 P.M. passed Island in
5	4	1				the fore. At 8 P.M. it was ahead
6	4	1				of the foremast. At 9 P.M.
7	4	1				at 10 P.M. it was ahead
8	4	1				of the foremast. At 11 P.M.
9	4	1				at 12 P.M. it was ahead
10	4	1				of the foremast. At 1 P.M.
11	3	1				at 2 P.M. it was ahead
12	3	1				of the foremast. At 3 P.M.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
180°	09'	1° 33'	30"	1° 33'	2° 00'	none	31'	106° 50' East	

Hudds from *Wanlon* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday May 18 th 1819.
1	3	1	W 1/2 N	W		Begins with fine breeze & pleasant weather. At 10 AM. passed Island of Wye. At 1 PM. passed Cape Cod. At 2 PM. passed Cape Cod. At 3 PM. passed Cape Cod. At 4 PM. passed Cape Cod. At 5 PM. passed Cape Cod. At 6 PM. passed Cape Cod. At 7 PM. passed Cape Cod. At 8 PM. passed Cape Cod. At 9 PM. passed Cape Cod. At 10 PM. passed Cape Cod. At 11 PM. passed Cape Cod. At 12 PM. passed Cape Cod.
2	3	1				
3	4					
4	5					
5	4					
6	4	1				
7	2					
8	2	1				
9	2	1				
10	2					
11	2	1				
12						
1						
2						
3	Calm.					
4						
5						
6	2	1	W 1/2 N	W		
7	2	1				
8	2	1				
9	2					
10	1	1				
11	1	1				
12	1					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
A2510	56'	50'	24'	2° 36'	none	none	24'	106° 20'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday May 19 th 1819
1						Begins with light winds & cloudy weather. At 1 PM. passed Cape Cod. At 2 PM. passed Cape Cod. At 3 PM. passed Cape Cod. At 4 PM. passed Cape Cod. At 5 PM. passed Cape Cod. At 6 PM. passed Cape Cod. At 7 PM. passed Cape Cod. At 8 PM. passed Cape Cod. At 9 PM. passed Cape Cod. At 10 PM. passed Cape Cod. At 11 PM. passed Cape Cod. At 12 PM. passed Cape Cod.
2						
3	Calm.					
4						
5	1	1				
6	1	1				
7	2	1	W 1/2 N	W		
8	2	1				
9	3	1				
10	3	1				
11	3	1				
12	2	1				
1	2		W 1/2 N	W		
2	1	1				
3	1	1				
4	1	1				
5	1					
6	1					
7	1					
8	2					
9	2	1				
10	3					
11	3					
12	3					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
A2310	44'	40'	11'	3° 36'	3° 34'	none	11'	106° 00'	East.

Middle from *Canterbury* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Thursday May 20 th 1819
1	1	1	SW	SSE		Begin with light winds & cloudy weather. At 1 P.M. fixed ship.
2	1	1				
3	1	1				
4	1	1				At 1 P.M. fixed ship.
5	2	1		SSE		the morning, the wind shifted from S.W. to S.E. & at 8 P.M. to S.W.
6	3	1				At 10 P.M. began to drift off shore.
7	2	1		East		At 1 P.M. began to drift off shore.
8	2	1				At 1 P.M. began to drift off shore.
9	2	1				At 1 P.M. began to drift off shore.
10	3	1				At 1 P.M. began to drift off shore.
11	2	1				At 1 P.M. began to drift off shore.
12	1	1				At 1 P.M. began to drift off shore.
1	1	1				At 1 P.M. began to drift off shore.
2	1	1				At 1 P.M. began to drift off shore.
3	1	1				At 1 P.M. began to drift off shore.
4	1	1				At 1 P.M. began to drift off shore.
5	2	1				At 1 P.M. began to drift off shore.
6	4	1				At 1 P.M. began to drift off shore.
7	4	1				At 1 P.M. began to drift off shore.
8	3	1				At 1 P.M. began to drift off shore.
9	3	1				At 1 P.M. began to drift off shore.
10	4	1				At 1 P.M. began to drift off shore.
11	2	1				At 1 P.M. began to drift off shore.
12	Calm	1				At 1 P.M. began to drift off shore.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
12 th 10'	02'	53'	28'	42° 29'	42° 29'	none	28'	105° 4'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday May 21 st 1819
1	1	1	SW	SE		Begin with light breeze & cloudy weather. At 1 P.M. fixed ship.
2	1	1				
3	1	1				
4	1	1				At 1 P.M. fixed ship.
5	2	1	SW	SE		At 1 P.M. fixed ship.
6	2	1				At 1 P.M. fixed ship.
7	2	1				At 1 P.M. fixed ship.
8	2	1				At 1 P.M. fixed ship.
9	1	1				At 1 P.M. fixed ship.
10						At 1 P.M. fixed ship.
11						At 1 P.M. fixed ship.
12						At 1 P.M. fixed ship.
1						At 1 P.M. fixed ship.
2						At 1 P.M. fixed ship.
3						At 1 P.M. fixed ship.
4						At 1 P.M. fixed ship.
5						At 1 P.M. fixed ship.
6						At 1 P.M. fixed ship.
7	1					At 1 P.M. fixed ship.
8	1					At 1 P.M. fixed ship.
9						At 1 P.M. fixed ship.
10	Calm					At 1 P.M. fixed ship.
11						At 1 P.M. fixed ship.
12						At 1 P.M. fixed ship.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
12 th 10'	10'	12 S	11'	42° 45'	42° 40'	none	11'	105° 30'	East.

Midway from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday May 22 1819
1	1	1	S.West	E.S.E		Begins with fine breeze at 1 P.M.
2	3					at all steering sails. At 3 land
3	4		S.West			seen from the mast head which
4	2	1				was the East Coast of Sumatra.
5	2	1	S.West	S.W.		At 7 P.M. in all steering sails.
6	3	1				regals, staysails, toping jibs
7	1		S.East			& blanketed & hauled up the main
8	1					sail. At 8 P.M. found the light
9	3	1				attended with heavy thunder &
10						lightning with very heavy rain
11						which continued through the night
12						At 1 P.M. came in 14 fathoms
1						water & hauled all sails.
2						At 5 o'clock weighed anchor & set
3						all sail. At 8 o'clock had all
4						steering sails. At 8 o'clock in steering
5						sails & traced up. At 9 o'clock
6						discovered a ship steering S.E.
7	2		S.West			At 11 o'clock the current setting out
8	2	1				towards the land came to within
9	1	1				the hutch. Ends calm & warm
10						Latitude 6° 50' N.
11	Calm					
12						

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
118 th	15'	23	7	5° 29'	5° 25'	none	7'	105° 29'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday May 23 1819.
1						Begins with calm & very warm
2	Calm					At 1 P.M. weighed the main.
3						all sail being set. At 2 P.M. set
4						up the main again. At 4 P.M.
5	1		S.West	E.S.E		set all steering sails. the ship still
6	2					in sight ahead distance 2 miles.
7	2					At 12 midnight the two brothers
8	2					Islands, one E.N.E. At 6 o'clock
9	2		Wind S.E.			equally with rain, hauled in
10	3		S.West			steering sails. Java, & Sumatra
11	3		S.W.			Islands in sight. At meridian,
12	3					North Island bore N.W.
1	3					At noon North Point of Java
2	3		S.W.			seen at E. S. the Vickers Point.
3	3					bore N.W. by 1.
4	3					
5	3					
6	3					
7						
8	Calm					Ends with Pleasant
9	2	1	N.W.			Winds & Weather.
10	2	1				
11	3	1	South			
12	3					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
131 th	45'	38'	23'	5° 38'	none	none	23'	105° 00'	

Miles from *London* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday Aug 26 1819.
1						Begins with fine Breeze & Pleasant
2						Weather. At 12 midnight - gradually
3						hoisted they Royals, Top gallant
4						sails. fore & spanker. & hauled up
5						the mainsail. at 12.30 P.M. went
6						ship. At 2 A.M. set main top gallant
7						sail fore & spanker. At 4 A.M.
8						set the fore & main top gallant
9						sails. Royals, & flying jib.
10						At 10 A.M. hoisted the Royals
11						at 11 set them again.
12						At 12 meridian from Head
1						board 11 by 6. Distance 20 miles
2						from which I take a near observation
3						Latitude 7 from head 6° 46' South
4						Longitude 104° 50' East.
5						This day watch employed in landing
6						& stowing cables.
7						Ends with rain & a heavy swell.
8						
9						
10						
11						
12						

Course | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Aug 27 1819.
1	3		St. West	fair		Begins with fine Breeze &
2	3					fine Weather. At 2 A.M. set
3	3					the main top gallant & spanker
4	3					they. At 5 A.M. came up a
5	3	1	St. W. by S.			small sail. hoisted the Royals &
6	2					flying jib. At 6 A.M. set them
7	2		St. by S.			again. At 8 A.M. began to
8	2					very heavy rain. which continued
9	2					through the night. At 10 A.M.
10	2		W. by N.			hoisted the flying jib. & top gallant
11	2					sails. hoisted the main top gallant
12	2		St. W. by S.			& covered the spanker. At 11
1	2					At 6 A.M. set the fore & spanker.
2	2	1	St. West			At 6.30 A.M. set the top gallant
3	3					sails.
4	1	1	St. West			
5	1		St. West			
6	1					Ends with cloudy
7	2					Weather.
8	2	1				At 4 P.M. from head bore 6 by 6
9	1	1				
10	1	1				
11	2					
12	2					

Course | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob.

450 49" 35' 55' 1° 21' S none none 35' 10 1/2 East.

Winds from *eastern* towards *Western*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Friday May 23 rd 1810
1	1	1	S.W.	SE Wind		Begins with light winds & pleasant weather.
2						
3						
4						Winds variable and Daylock
5						the S East trade winds.
6						
7						At 5 P.M. at fore top mast
8						and top gallant sheeting sail.
9						
10						At 11 P.M. at fore top mast
11						sheeting sail.
12	1	1	N.W.			Ends with light winds
1	1	1				and pleasant weather.
2	1	1				
3	2	1	S.W.			
4	2	1				
5	2	1	N.W.			
6	2	1				
7	2	1	S.W. & E			
8	2	1				
9	3					
10	3					
11	2	1				
12	2					

Latitude 8° 46' N.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 52 E	30'	19'	23	7° 40' N	7° 46' N	none	23'	103° 32' E	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday May 24 th 1810
1	2		S.W.	SE		Begins with light winds & pleasant weather.
2	2					
3	1	1				
4	1	1				At 2 P.M. at main top mast
5	1	1				sheeting sail.
6	1					
7	2					At 4 P.M. at main top
8	2					mast sheeting sail.
9	1	1				
10	1	1				At 4 P.M. look in fore top
11						mast lower & top gallant
12						sheeting sails.
1						
2						A breeze from the Southward
3						
4						
5	2	1	S.W.	South		
6	2	1				Ends with a moderate breeze
7	2	1				
8	2					
9	2					
10	2					
11	3					
12	3					

Latitude 8° 05' South

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 52 E	55'	22'	28	8° 08' S	8° 05' S	none	28'	103° 24' E	

Middle from *Caroline* towards *Boston*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday May 30 th 1819
1	2		at West	West		Begins with Pleasant Weather.
2	2					& light Breeze.
3	2					At 10 P.M. a squall came on
4	2					from the weather & wind & light
5	1	1				Staysails flying & top gallant
6	1					sails & Main set. Tied the main sail.
7	Calm					& hauled down the fore & Double
8						head fore & main top sails.
9	1		at West			Whitish part more moderate
10	1					& calm.
11	1					At 11 P.M. set the fore.
12	2	1	at West	variable		At 1 P.M. reset the main &
1	1	1				set it.
2	1	1	at West			At 5 P.M. of breeze from the
3	1	1				West. out with set sail.
4	1	1				At 6 P.M. set fore top mast for
5	1	1				main top gallant steering
6	1	1	at West	1 East		sails. At 8 P.M. set the staysails
7	3	1				Ends with a fine Breeze
8	4					
9	4	1				
10	4	1				
11	5					
12	6					Latitude Ob ^d 8° 36' South.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 47° W	148'	33'	36'	8° 38'	8° 36'	none	36'	102° 48'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday May 31 st 1819
1	7		at West			Begins with fine Breeze & Pleasant
2	8					Weather. At 2.30 P.M. took in fore
3	8					top mast. fore & main top gallant
4	7		at West			steering sails. Royals, flying jib
5	7					& staysails.
6	7					At 7 P.M. the fore Royal being
7	7	1				split sent it on Deck & secured
8	7					it. sent it aloft again & set it
9	6	1				likewise the main one & flying
10	7	1				jib.
11	7	1				At 9 P.M. set the fore top mast
12	7	1				fore & main top gallant
1	7	1				steering sails. & staysails.
2	7	1				Pumping every half hour.
3	7	1				Ends with Breeze
4	7	1				& Pleasant Weather.
5	8	1				
6	8	1				
7	8					
8	8					
9	7	1	at West			
10	7	1				
11	8					
12	6					Latitude Ob ^d 10° 15'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 54° W	177	104'	143'	10° 20'	10° 15'	more	2° 25'	100° 23' East	

Whidow from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Tuesday June 1 st 1819
1	7	1	SW by W			Begin with still Breeze & fine weather. At 1 st bell look in fore & main for gallant & topping sails. Royals & flying jib.
2	7		SW by W			
3	8					
4	8					
5	7	1				At 7 th 30 th bell look in fore & main for gallant sails.
6	7	1				
7	6	1				
8	6	1	SW by W			
9	6	1	SW by W			At 3 rd bell Squally. Hauled up the mainsail.
10	7					
11	6	1				At 4 th bell double Reel'd the topsails. At 5 th bell hauled down the jib. & set the fore top mast staysail. & sent down Royal yards. At 6 th bell single Reel'd the mizen & set it.
1	7		SW by W			At 10 th bell took 1 st Reel out of the topsails. & set the fore & main top gallant sails.
2	7		SW by W			Ends with still Breeze & Cloudy Weather.
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	5	1				
10	5	1				
11	7					
12	7					

Latitude 42° 12' 12"

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SW by W	16 ^{mi}	1° 55'	121	12° 10'	12° 12'	none	2° 03'	98° 20' East.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday June 2 nd 1819
1	7		W by S	W by S		Begin with still Breeze & Cloudy Weather.
2	7					
3	7	1				
4	7	1	W by S			Middle West the same.
5	8	1				
6	8	1				
7	9					At Meridian let the topsails out of the lobsails. & set the mizen top gallant sail.
8	9					
9	9	1				
10	9	1				
11	9					
12	9					Ends with still Breeze & fine weather.
1	9	1				
2	9	1				
3	9	1				
4	9	1				There being a heavy sea running I allow Gunites.
5	9	1				
6	8	1				Pumping every ten minutes.
7	8	1				
8	8	1				
9	8					
10	8					
11	8					
12	8					

Latitude 42° 13' 52"

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SW by W	212'	88'	183	13° 32'	13° 52'	none	3° 08'	95° 12' East	

Middle from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday June 3 ^d 1819.
1	9		W.S.W.	E. East		Begins with the Breeze & Pleasant weather.
2	9					At 1 P.M. sent aloft the main Royal
3	8					yard, & set the sail. At 1 ³⁰ P.M.
4	8					set the flying jib. At 3 P.M. set
5	8					the fore & main mast, the fore &
6	9	1				main Royal yards, & set the sails.
7	9	1				And top gallant steering sail.
8	9	1				Middle Part Stiff Breeze
9	8	1				and Pleasant weather.
10	9	1				To Ends.
11	9	1				Allowing 3 miles for leeward of the det.
12	9	1				
1	9	1				
2	9	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				
7	9	1				
8	9	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Latitude Obs^d 15° 01' S. 15

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
157 ¹ W	212'	1° 09'	200'		15° 01' S	none	3° 27'	91° 45'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday June 4 th 1819.
1	8		W.S.W.	S.E. by E.		Begins with Stiff Breeze & fine
2	8					weather. At 1 P.M. hauled down
3	9					the staysails. At 9 P.M. set the
4	9	1				lower steering sail staysail, &
5	8	1				main staysail. At 8 P.M. hauled
6	8	1				in the weather. Braces, & at the
7	8	1				main top mast steering sail,
8	8	1				& hauled down the jib.
9	8	1				
10	8	1				
11	9	1				Ends with Pleasant
12	9	1				weather & fine Breeze.
1	8	1				
2	8	1				
3	7	1				
4	7	1				
5	8	1				
6	8	1				
7	7	1				
8	7	1				
9	6	1				
10	6	1				
11	6	1				
12	6	1				

Latitude Obs^d 16° 12' S.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
168 ¹ W	192'	71'	178'		16° 12' S	none	3° 06'	88° 39'	East.

Middle from *center* towards *Boston*.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Saturday June 5 th 1819.
1	6		W. by S	W. S. E.		Begins with fine breeze & Pleasant weather.
2	6					
3	6	1				At 10 30 P.M. hauled down the flying
4	6	1				jit. & staysails, & set the starboard
5	7					main top gallant. steering east.
6	7					
7	6	1				At 12 midnight squared the yards
8	6	1				& set the starboard main top mast
9	6					steering east.
10	6					At 1 P.M. set the Mizzen & main
11	5					top gallant staysails.
12	5					
1	6					At 4 P.M. hauled in the lee
2	6					Bivens & lock in the lee
3	6					main top mast. steering east.
4	6					Ends with moderate breeze
5	6					& Pleasant weather.
6	6					
7	6					
8	6					
9	6	1				
10	6	1				
11	5	1				
12	5	1				Latitude 41° 16' 45"

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N. by E	140'	29'	143'		10 44'	none	2° 29'	86° 10'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday June 6 th 1819.
1	5	1	W. by S	E. S. E.		Begins with Pleasant weather &
2	5	1				Moderate breeze. At 2 P.M. hauled
3	5					in the lee Bivens.
4	5					At 9 P.M. squared look in main top
5	5					mast & Lower steering sails. Mizzen
6	6					Regal & staysails. At 9 30 P.M.
7	5	1				set the staysails & main staysails.
8	5	1		S. S. E.		
9	7					At 12 midnight set the main
10	8					top mast & Lower steering sails.
11	8					
12	7					At 3 A.M. took them in again.
1	8					At 5 A.M. Becketed the main
2	8					staysail.
3	7					Ends with fine breeze
4	7					& Pleasant weather.
5	7	1				
6	7	1				
7	8					Cruiser to day Turtle.
8	8					
9	7	1				
10	7	1				
11	7					
12	6					Lat 41° 17' 11" South.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N. by E	162'	30'	159'		17 11 5	none	2° 47'	83° 23'	East.

Alidas from *Canlon* towards *Boston*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday June 7 th 1819
1	6	1	Wby S	W S E		Begins with a fine breeze & pleasant weather. At 3 o'clock set the lower
2	6					sheeting. Mizen Royal & main staysail.
3	6					At 4 o'clock set the fore & mizen sky sails.
4	5	1		S East.		At 5 o'clock set the main top mast
5	5	1				steering sail.
6	5	1				Middle part Pleasant with
7	5	1				flying clouds.
8	5	1				At 6 o'clock squared the yards
9	5	1				hauled down fore & flying fore
10	6	1				& staysails. & set the starboard
11	6	1				main top gallant steering sail.
12	6	1				At 9 o'clock took in the main top
1	6	1				mast top gallant & lower steering
2	6	1				sails. & hoisted up the yards.
3	6	1				At 11 o'clock hauled in the weather
4	6	1				braces & set the steering sails.
5	6	1				Ends with moderate breeze
6	6	1				& pleasant weather.
7	6	1				Latitude Ob ^d 17° 40' South.
8	5	1	Wby S	Eby South		
9	5					
10	4	1	Wby S			
11	4	1				
12	5					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 78° W	141'	29'	138'		17° 40'	none	2° 24'	80° 39'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday June 8 th 1819.
1	5		Wby S	S East		Begins with moderate breeze &
2	5					pleasant weather. At 9.30 o'clock
3	5	1				took in steering sails. Royals. staysails
4	5	1		S S E		flying fore & staysails. At 10 o'clock
5	6	1				took in top gallant sails. At
6	6	1				11 o'clock set the main top gallant
7	7	1				sail. At 1 o'clock set the fore &
8	8					mizen top gallant sails.
9	8					At 7 o'clock set the fore & main
10	7	1				Royals.
11	5	1				At 11 o'clock set fore & main top
12	6					gallant. & fore top mast steering
1	7					sail.
2	6					Ends with fine weather.
3	6	1				
4	6	1				
5	6	1				
6	7	1				
7	7	1				
8	7	1				
9	7					
10	7					
11	0					Latitude by Ob ^d 18° 09' South.
12	0					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 79° W	156'	29'	153'		18° 09'	none	2° 41'	78° 18'	East.

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday June 9 th 1819
1	6		W by S	S by E		Begins with Pleasant Weather & fine breeze.
2	6	1				
3	~					
4	7	1				At 4 ³⁰ P.M. Squally in steering sails.
5	8					
6	8			W by E		At 5 ³⁰ in Royals & flying jib.
7	9					& Maysails.
8	9					At 7 P.M. in top gallant sails
9	9		West.			At 9 single reefed the top sails.
10	9					& trunker.
11	8	1				
12	8	1				At 10 P.M. sent down Royal yards
1	8	1				Middle Cloudy with fresh Gales
2	8		W by S			
3	8					At 3 P.M. set top gallant sails
4	8					At 5 out Reefs & set fore top mast
5	8					& lower steering sails.
6	8					At 8 set top gallant steering sails
7	8					At 9 sent down fore & main Royal yards & set the sails.
8	8	1				
9	8	1				
10	8					
11	8	1				Ends with fine breeze.
12	8	1				Latitude Obs ^d 18° 44' S

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W by S	185	35'	182'		18° 44'	none	3° 11' W	75° 07'	Obs ^d -

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Thursday June 10 th 1819
1	1		W by S	S by E		Begins with light breeze & Pleasant weather.
2	1					
3	1	1				At 4 P.M. hauled in the windward
4	1	1				Reefs & set the main top mast
5	1	1				steering sail.
6	1					
7	1					At 2 P.M. hauled in the lee
8	1	1				braces & set the jib.
9	1					At 1 P.M. saw a White Pigeon
10	1	1				At 7 ³⁰ hauled down the jib
11	1	1				and set the flying jib.
12	1	1				At 10 ³⁰ P.M. hauled in the lee
1	1					braces.
2	1					
3	1	1				
4	1	1				Ends with fine breeze &
5	1	1		W by E		Pleasant Weather.
6	1					
7	1					
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				Latitude Obs ^d 19° 35' S

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W by S	212'	51'	206'		19° 35'	1/4 W	3° 38'	71° 29'	

Ships from *Cambert* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday June 11 th 1874.
1	9	1	Wgt	ESE.		Begins with fresh Breezes and Pleasant Weather.
2	9					
3	8	1				
4	8					Middle Part Squally with a little Rain.
5	8					
6	8					
7	8					
8	8					At 11 ³⁰ AM in steering sails.
9	8					Royals, flying jib. & spanker
10	9	1				and hauled up the mainsail.
11	8	1				At 2 PM set all sail again.
12	9	1				
1	7					At 5 PM in steering sails.
2	7	1				& Royals. At 6 PM set them again.
3	9	1				Scatter part squally with a little Rain.
4	9	1				
5	9	1				At Ends Friday.
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	7	1				
12	8					Latitude Ob ^d 20° 31'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 74° W	203	56'	195'		20° 31'	7 ^m	3° 28'	68° W	East

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday June 12 th 1874.
1	8	1	Wgt	ESE.		Begins with fresh Breeze & fine Weather.
2	8	1				
3	8	1				
4	8	1				
5	9	1				Middle Part Breeze & Cloudy.
6	9	1				
7	9	1				At 7 PM hauled in the Weathered
8	9	1				Wings, hauled down the flying jib
9	9	1				& set the new main top & spanker
10	9	1				steering sail.
11	8	1				
12	8	1				
1	8	1				Ends With fresh Breeze & fine Weather.
2	8	1				
3	8	1				
4	8	1				
5	8	1				This Day two several large Pigeons.
6	8	1				
7	9	1				
8	9	1				
9	8	1				
10	8	1				
11	8	1				
12	8					Latitude Ob ^d 21° 32' Lat.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 73° W	209	61'	200'		21° 32'	7 ^m	3° 34'	64° 27'	

Vidas from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sunday June 13 th 1819
1	8		W 1/2 S	East.		Begins with fine breeze & pleasant weather. At 3 m in all steering sail.
2	8					
3	8					
4	7					Equally with sun. haul re up the main sail.
5	8					
6	8					
7	7	1				At 4 m let all sail again.
8	7					
9	8					At 8 m let the starboard main top mast steering sail.
10	8					
11	8					At 4 m. hauled ship, let the starboard lower steering sail.
12	7	1				
1	6	1				
2	6	1				
3	6					
4	6					Ends with light winds & pleasant weather.
5	6					
6	6					
7	6					
8	5	1				
9	5	1				
10	5					
11	5					
12	5					

Latitude $22^{\circ} 22' 19''$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
173	162'	17'	155'		$22^{\circ} 19'$	$1^{\circ} 10'$	$2^{\circ} 47'$	$61^{\circ} 42'$	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday June 14 th 1819
1	5		West.	East.		Begins with fine breeze & pleasant weather.
2	5					
3	5					
4	5					
5	5					
6	5					At 6 P.M. hauled ship.
7	5					
8	5					Middle let the same &
9	5	1				
10	6					
11	6					
12	6					Ends.
1	6	1				
2	7					Watch employed mending sails and mending rope.
3	7					
4	7					
5	6					
6	5	1				At steering sail set.
7	6					
8	6					
9	6					
10	6					
11	7					
12	7					

Latitude $22^{\circ} 47' 5''$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
179	141'	28'	138'		$22^{\circ} 47'$	$1^{\circ} 10'$	$2^{\circ} 30'$	$59^{\circ} 10'$	

Midas from Canton towards Boston

H.	K.	H.K. Courses.	Winds.	L.V.	Remarks on Tuesday June 15 th 1819
1	6	West	East		Begins with fine Breeze & Pleasant Weather.
2	6		N East		
3	5				
4	5				At 3 P.M. took in Landward sheeting sails
5	5				
6	6				
7	5	1			At 1 at 11 in the morning
8	5	1			sails & braced up.
9	5	1			
10	6				A number of Topick Birds
11	5	1			was seen to day.
12	5	1			
1	5	1			We also saw a very large
2	5	1			whale.
3	4		W by S	W by N	
4	4		W by S	W by N	
5	3	1	W by S	W by N	
6	3	1			
7	3				Ends with light Winds
8	3		North		& Pleasant Weather.
9	3				
10	2	1			
11	2				
12	2				Latitude 23° 29'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 71° W	106'	35'	100	23° 22'	23° 29'	1/4° W	1° 49'	57° 21'	

H.	K.	H.K. Courses.	Winds.	L.V.	Remarks on Wednesday June 16 th 1819
1	2	1	W by N	N W	Begins with Pleasant Weather
2	2	1			At 3 P.M. sent down royal & set the
3	2	1	S West	W by N	gallant & set the
4	3				at 4 rigged in the Weather
5	3				at 6 lashed ship, at 6 P.M. in
6	3				Royal & flying jib & staysails.
7	3	1	W by N		At 7 sent down royal & set the
8	3	1	W by N		masts. At 12 midnight set the
9	3	1	W by N		fore top mast, fore & main top
10	4	1	West		gallant steering sails. At 12:30
11	5	1			in steering sails, top gallant sails
12	6				& Double Headed the top sails.
1	7				At 4 at 11 shock out 1 reef & set
2	7				top gallant sails. At 5 at 11 sent
3	7				down the fore & main royal masts
4	6				& staysails & set the sails. At 8 at 11
5	6				top mast & top gallant steering sails.
6	6				At 10 set the m. & m. steering sails.
7	6				Saw 2 ships steering to the North.
8	6				
9	5				
10	4	1	East		
11	4				
12	3	1			Latitude 23° 53'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 71° W	104'	33'	99'	24° 02'	23° 53'	1/4° W	1° 48'	55° 33'	53° 29'

Nidas from *Canton* towards *Boston*.

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Thursday June 17 th 1819
1	2		West.	SE		Begin with Light Winds & Pleasant Weather.
2	2	1				
3	2	1				
4	2	1				At 7 P.M. hauled in the Lee Braces
5	2	1				& set the Starboard main top mast & Lower steering sails.
6	3					
7	3					At 10 P.M. took in Starboard steering sails & braced up.
8	3	1				
9	3					At 1 P.M. hauled in the Weather
10	4					Braces & set the fore top mast steering sail & top gallant steering sail.
11	3	1		SE		
12	3	1				At 4 P.M. set the Main top mast & Lower steering sail.
1	4			South		
2	4	1				
3	4			SE		
4	3					At 10 P.M. took in main top mast steering sail.
5	3	1				
6	3	1				
7	3	1				Ends with Light Winds & Pleasant Weather.
8	3	1		SE		
9	3					
10	2					
11	2					
12	1	1				Latitude 24° 03'

Latitude 24° 03'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 82° W	7 1/4'	10'	73'		24° 03'	1 1/2° W	1° 20'	54° 13'	52° 09' E

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Friday June 18 th 1819
1	2		West.	South		Begin with Pleasant Weather.
2	2					Winds Light & Variable
3	1	1				
4	1	1		SE		At 3 P.M. hauled in all steering sails and gave a pull of the Weather Braces.
5	1					
6	1					At 1 P.M. down staysails in Royals & flying jib.
7	2					
8	3					
9	3					
10	2					At 2 P.M. set Royals & flying jib.
11	1	1	West			
12	1	1				Middle Part Cloudy with light Breezes.
1	1	1				
2	1	1				
3	1	1				
4	4		West			Little Part Pleasant
5	3	1				
6	3	1				Ends
7	3	1	West			Water employed mending
8	3	1				chaubed.
9	3	1	West			
10	3	1				
11	3		West			
12	3					Latitude 24° 30' South

Latitude 24° 30' South

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 77° W	57'	19'	54'	24° 22'	24° 30'	1 1/2° W	59'	53° 14'	51° 10'

Miles from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday June 19 th 1879
1	4		West	SW.		Begins With Pleasant weather & light winds.
2	4					
3	4	1				
4	4	1				
5	4	1				Middle part fine breeze
6	5					
7	6		W ² S.			At 1 o'clock set staysails.
8	6					
9	6		West.			
10	6					At 1 o'clock set fore mast.
11	6					set & main top gallant standing with.
12	6					
1	5	1	W ² S.			At 10 o'clock moved the yards & set the fore & main top mast standing with.
2	5					
3	3	1	W ² S.			
4	3	1				
5	3	1	W ² S.			
6	3	1				
7	3	1				Ends With Light Winds & Pleasant Weather.
8	3					
9	2					At 1 o'clock moving with
10	2					
11	2					
12	2					Latitude 25° 03'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S ¹ 110	110'	3 ² '	103	25° 0 ⁰ '	25° 04'	1 ¹ '	1° 54'	51° 20'	49° 16'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday June 20 th 1879.
1	2		W ² S.	SW.		Begins With Light Winds & Pleasant Weather.
2	2					
3	2	1				At 1 o'clock hauled in the Lee Breeches
4	3	1				
5	4	1	W ² S.			hook in the main top mast & lower
6	5	1				main with. At 2 o'clock in top
7	5	1	W ² S.			gallant & fore top mast standing with
8	5	1				At 6 o'clock fresh breeze becketed
9	5	1				the staysails. At 8 o'clock hauled
10	4					down the staysails. At 11 o'clock set
11	5		W ² S.			them again.
12	5	1				
1	5	1				At 1 o'clock set staysails fore &
2	5	1				main top gallant & fore top
3	5	1				mast standing with.
4	6					
5	6					Ends With Pleasant Weather.
6	5	1				Allowing 10 miles for Westing
7	5					Current.
8	4	1				
9	4					
10	3	1				
11	3	1				
12	3					Latitude 25° 49'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 59 ² 116	116	39'	99'	26° 03'	25° 49'	1 ¹ '	1° 49'	49° 31'	47° 27'

Middow from Cantin towards Breston											
H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Monday June 21 st 1819.					
1	1	1	10 th S.	W. S.		Begins with Moderate Breeze &					
2	1	1				Thursant. At 3 P.M. in Steady sail					
3	1	1				At 11 P.M. with light Breeze.					
4	1	1	10 th S.			back in Breeze. & going on.					
5	1	1				waited until the Breeze in. At 11.30					
6	2					Breeze continuing steadily with rain					
7	2					At 1 P.M. a fine Breeze set in					
8	2					jacket sail. At 2 P.M. the					
9	2					Royal & going on. At 3 P.M.					
10	2	1	10 th S.			the fore Royal. At 4 P.M. it was					
11	2	1				to be repaired. At 5 P.M. at the					
12	2	1				fore mast. fore & main					
1	5	1				jacket. Steady sail. At 6 P.M.					
2	8	1				At 7 P.M. Breeze in. At 8 P.M.					
3	8	1				the fore & at the main top mast					
4	9	1				to be repaired. At 9 P.M.					
5	9	1				Breeze in. At 10 P.M.					
6	9	1				the fore & at the main top mast					
7	9	1				to be repaired. At 11 P.M.					
8	9	1				Breeze in. At 12 P.M.					
9	9	1				the fore & at the main top mast					
10	9	1				to be repaired. At 1 P.M.					
11	9	1				Breeze in. At 2 P.M.					
12	9	1				the fore & at the main top mast					
						Distance from this place to the Cape of Good Hope 4510 miles. At 26 th 22 nd					
Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.		
10 th S.	77'	34'	6'	20 21	26 22	2 1/2	1 15'	45 10'	16 12'		

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday June 22 nd 1819					
1	8		West.	S East		Begins with Breeze & weather					
2	8					Breeze At 5 P.M. having					
3	9					the fore. sent it to be					
4	9	1				set in Breeze. At 6 P.M. in					
5	9	1				allant. At 7 P.M. in					
6	9	1				At 9.30 back in Breeze					
7	9	1				At 10 P.M. Breeze in					
8	10					At 12 midnight. At 1 P.M.					
9	10					At 2 P.M. Breeze in					
10	9					At 3 P.M. Breeze in					
11	8	1				At 4 P.M. Breeze in					
12	8					At 5 P.M. Breeze in					
1	9					At 6 P.M. Breeze in					
2	9	1				At 7 P.M. Breeze in					
3	9	1				At 8 P.M. Breeze in					
4	10					At 9 P.M. Breeze in					
5	10					At 10 P.M. Breeze in					
6	10					At 11 P.M. Breeze in					
7	9	1				At 12 P.M. Breeze in					
8	9					At 1 P.M. Breeze in					
9	9		W. S. W.			At 2 P.M. Breeze in					
10	9					At 3 P.M. Breeze in					
11	9					At 4 P.M. Breeze in					
12	9					At 5 P.M. Breeze in					
						Ends Pleasant With a fine Breeze					
						Current the S. West. 20 miles.					
						Latitude. 44° 27' 31" N.					
Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.		
10 th S.	218	71'	206	27 33	27 31	2 1/2	3 51'	44 25'	42 21'		

Stidas from *Canton* towards *Boston*.

H.	K.	H.K. Courses.	Winds.	L.W.	Remarks on Wednesday June 23 1819.
1	8		WNW	SE	Begins with fresh Breeze, and
2	7	1			Cloudy Weather.
3	7	1			
4	7				At 4 P.M. set the fore top
5	8				mast steering sail.
6	8				
7	8				At 9 P.M. ficed stich.
8	8				
9	8				Middle Part Pleasant
10	7	1			At 6 A.M. set the main & fore
11	7	1			& top sails.
12	8				
1	7	1			
2	7	1			
3	7				
4	7				
5	7	1			
6	8				
7	7	1			
8	7	1			
9	7	1			
10	7	1			
11	7	1			
12	7	1			

Stidas 14 miles distant in the distance.

These currents are occasioned by the Mozambique Channel.

Latitude 16° 27' 34"

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
189°	196	23'	196		27° 34'	2° 45'	3° 42'	40° 43'	38° 59' 00"

H.	K.	H.K. Courses.	Winds.	L.W.	Remarks on Thursday June 24 1819.
1	7		WNW	SE	Begins with fresh Breeze &
2	7				Pleasant Weather. All steering sails
3	7				set
4	7				
5	7	1			Middle Part Squally.
6	7	1			
7	7				
8	7				At 6 A.M. took in lee steering
9	7				sails.
10	7				
11	7				At 9 A.M. hauled in the lee
12	7				braces, & set flying jib & staysails.
1	7				
2	7				
3	7				Ends with fine Breeze &
4	7				Pleasant Weather.
5	7				
6	7				
7	7				
8	7				
9	7	1			
10	8				
11	7	1			
12	7	1			

W by N E by S

Latitude 16° 28' 01"

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
179°	171	33'	168	28° 07'	28° 01'	2° 45'	3° 10'	37° 33'	35° 29'

Notes from *Canton* towards *Boston*.

H.	K.	H.K.	Courses.	Winds	L.V.	Remarks on Friday June 25 th 1819.
1	7	1	West.	E & E		Begins Pleasant Winds favorable
2	7					At 3 P.M. hauled down staysails.
3	7		W by S.			Shifting fit. & sent the main
4	7					staysail. At 8 P.M. carried away
5	7					the tack of the lower steering sail
6	7					repaired it & carried it away
7	7	1				again, repaired it again.
8	7	1				At 2 P.M. strong breezes carried
9	8					away the lower steering sail haul
10	9					yards, sent them and set it again
11	10					At 4 30 P.M. the lashing of the fore
12	10					top mast steering sail boom parted
1	10					the boom ran in & went over the
2	9	1				board, look in all steering sails &
3	9	1				parted the royal. At 6 P.M. took
4	9	1				in top gallant sails, & set the fit.
5	10					At 7 30 P.M. sent down royal yards
6	10	1				& mast. At 8 30 Rigged in flying
7	10					fit boom and set down the fore
8	9	1				royal rigging. & top gallant steering
9	8					sail. Breeze. At 10 P.M. set top
10	5					gallant sails.
11	3		S West.			Ends with light winds.
12	2					Latitude 30° 12' S.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 3/4 W	205'	129'	159'	31° 10' S.	30° 12'	2 1/2 W	3° 01'	34° 32'	32° 28' East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday June 26 th 1819.
1	2		S West.	W & W		Begins with light winds &
2	2					Pleasant weather.
3	4	1	S East.	S W		At 3 P.M. stiff breeze.
4	5	1				At 4 lashed ship & single
5	4		W by S			reefs, the topsails, parted top
6	3	1	W by S			gallant sails, hauled down fit
7	3		W by S			& topsail. At 10 P.M. set the
8	3		W by S			fit, & topsail, & main top gallant
9	3	1	W by S			sails. At 2 P.M. set the fore &
10	4		W by S			mizen, top gallant sails.
11	4					At 6 P.M. hauled in the weather
12	4					boards, & set fore top mast and
1	4					lower steering sails. At 7 P.M. took
2	4					in steering sails. At 9 set fore
3	4					& m. top mast & lower steering
4	4					sails. At 9 30. Rainy with thunder.
5	3	1				At 11. hauled up the mainsail &
6	1					secured the yards, look in fore & mizen
7	1	1				top gallant sails, & belied the mizen
8	2					topsail, lowered the fit. & hauled
9	5	1				At 12 fixed ship. Ends. Cloudy
10	5	1				Latitude 31° 09'
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 5/4 W	85'	54'	66'	31° 06'	31° 09'	2 1/2 W	1° 16'	33° 16'	31° 12' East.

Vidas from *Canton* towards *Boston*.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday June 27 th 1819.
1	6		W by S	E N E		Begins with Cloudy Weather & moderate winds.
2	6					At 7 o'clk. in all steering sails.
3	5					Cloudy with rain & fresh breeze
4	4					At 8 o'clk. in top gallant sails.
5	3					& double reefed the top sails.
6	3	1				At 10 o'clk. let 1 Reel out of the
7	2	1	WSW	E S E		main top sail. & set main top
8	2	1				gallant sail. & spanker. At 2 o'clk
9	8					at the other Reel out of the main
10	7					top sail. At 4 o'clk. hauled the
11	6					main sail. & stowed the spanker.
12	6					At 6 A.M. let 4 Reel out of the
1	7	1				fore top sail & set the fore & Mizzen
2	7					top gallant sails. At 1 o'clk. in
3	6					the larboard braces. & set the
4	8	1				spanker. & loosed the main sail.
5	8		West.	E N E		At 8 o'clk. set the fore top mast
6	8					& lower steering sails. & main top
7	8					mast staysail.
8	8					Ends with fine Breeze &
9	8	1				Pleasant Weather.
10	8	1				Latitude 43 rd
11	8	1				
12	8					

Current the same as yesterday.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 50° W	164'	106'	127'	32° 55'	33° 06'	2 1/2 ^W	2° 29'	30° 47'	28° 43'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday June 28 th 1819.
1	9		West.			Begins with fresh Breezes & Pleasant
2	9					Weather. At 4 o'clk. set the larboard
3	8	1				main top gallant sail. At 4.30 o'clk
4	5	1				set main top mast steering sail.
5	6	1				At 6 set the larboard main top gallant
6	8					steering sail.
7	8					Middle stiff breeze & Cloudy.
8	8					At 2 o'clk. the Wind hauled ahead
9	8	1				in all steering sails. top gallant sails
10	8	1				& spanker. At 4 o'clk. Double
11	8	1				reefed the Main, & furlled the fore
12	8					& Mizzen top sails. At 6 o'clk.
1	8					set the fore & Mizzen topmasts & double
2	7	1	WSW			reefed. At 7 set the fore top mast
3	7					staysail. At 8 single reefed the
4	3	1	SW 1/2 S			spanker & set it. At 9 hauled
5	4					down the staysail. & set the fit.
6	2		SSW			At 10 set top gallant sails. &
7	3		E by E			set main top mast steering sail
8	3					hoops on Deck.
9	4					Ends with moderate Breeze.
10	4					Latitude 43 1/2
11	5					
12	5					

At 10 o'clk. discovered Land suppose it to be Cape Rice.

A SSW. Current of 45 miles.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 51° W	151'	95'	117'	34° 41'	34° 49'	2 1/2 ^W	2° 22'	28° 25'	26° 21'

Midway from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Tuesday June 29 th 1819
1	5		North	West.		• Begins with Pleasant Weather
2	4					& Light Winds. At 1 P.M. out
3	2		W. by S.			Reeds. At 2 P.M. backed their head
4	2					to the West. At 6 Continues in same
5	3		West.			At 8 P.M. Breeze. Single reefed the
6	4					top sail. At 9 P.M. took in to a gallant sail.
7	3		W. by S.	at 10		ft. 2. Franked. At 10 Double reefed
8	5					the top sail. & set the Mizzen &
9	4		W. by S.	at 11		fore to a mast stay sail. At midnight
10	4			Variable		fitted the fore & Mizzen top sails
11	4					& fore & main course. At 1 P.M.
12			by 1/2 W. by S.			sent down to a gallant yard.
1			at 1 P.M. by W.			At 6 P.M. hauled down fore to a
2			at 1 1/2 miles			mast stay sail. At 8 P.M. shifted
3			per hour.			to the North & East. At 10 the
4						gale increasing shifted the main
5						top sail. & set the main stay
6						sail. Ends with a Gale.
7						
8						
9			W. by S.			
10			at 1 P.M. by W.			No Observation this Day.
11			at 1 1/2 miles			Current S. by W. 1/2 miles.
12			per hour.			

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S. 1/2 W.	71'	66'	26'	35° 55'	none	2 1/2 W.	32'	27° 53'	25° 49'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday June 30 th 1819
1			W. by S.		6	Begins with a Gale & Wind
2			at 1 P.M. by W.			& frequent squalls of rain.
3			at 1 1/2 miles			All sail being hauled out the main
4						& Mizzen stay sails. At 5 P.M.
5			W. by S.		5	set the main top sail. Close hauled.
6			at 1 P.M. by W.			& sent the fore stay sail. At 6
7	2		North		4	the Gale abating set the fore top
8	2					sail close reefed. At 12 midnight
9	2		at 1 P.M.		3	set the fore sail. At 6 P.M. out
10	2					all Reeds. & set the fore & Mizzen
11	2		North		2 1/2	At 8 P.M. sent a light top gallant
12	3					yards. & set the sails. Rounded
1	2					with 100 fathoms. No bottom.
2	2					A Part in sight.
3	2					Ends with Light Winds.
4	2					& Pleasant Weather.
5	2					Current West 20 miles
6	3		W. by S.			
7	3		at 1 P.M. by W.			
8	2					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N. 22° W.	45'	42'	17'	35° 13'	34° 42'	2 1/2 W.	20'	27° 33'	25° 29'

Latitude Obs. 34° 42'

Midas from Canton. towards Boston.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday July 1 st 1819.
1	Calm	W. N. W.	W. N. W.	N. E.		Begins Pleasant With Light Winds.
2	1					At 1 P.M. sent 1st Main top mast.
3	3					& top gallant steering sail. Booms.
4	3	1				set the fore & main top gallant fore
5	3	1				& main top mast & lower steering sails.
6	3	1				sent 1st Main Royal mast &
7	4	1				yard & set the sail. At 3 P.M.
8	6					saw a Portuguese Brig. from
9	7	1				Maderia bound to Mozambique.
10	8	1				At 6 P.M. set the Lee main top mast.
11	8					& top gallant steering sails.
12	8			E. N. E.		failed the fore & Mizzen top
1	7					gallant sails. & settled the Mizzen
2	4					top sail on the Cap. At 9 P.M. lashed
3	Calm					in Lee braces. loosed fore & mizen
4	1	1	N. by E.	N. by E.		top gallant sails. & hoisted the
5	3		N. by W.			Mizzen top sail. & took in Lee
6	3					main top mast. & top gallant
7	3					steering sails. At 1 P.M. in all
8	2	1	S. by W.			steering sails. & braced up shanks
9	2					At 4 P.M. braced about the yards &
10	2	1				set the fore. At 8 P.M. triced ship
11	3		W. by S.			head to the S. S. W.
12	3					Ends Pleasant. Latitude Obs ^d 34° 56'

Current W by S. 14 miles.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 81° W	96'	15'	95'	34° 57'	34° 56'	2 1/2° W	1° 56'	25° 37'	23° 33'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday July 2 1819.
1	4		S. N. W.	N. N. W.		Begins With Light Winds &
2	4					Pleasant Weather. At 5 P.M.
3	3	1	S. W.			lacked ship. At 5.30 P.M. sent
4	3	1				all the steering sail. Booms on
5	3	1	S. S. W.			Deck. At 10 P.M. lacked to
6	4		N. by W.			the S. W.
7	3					Middle Light Winds &
8	3					Pleasant Weather.
9	2					At 6 Squally failed the main
10	1		N. S. W.	N. W.		Royal.
11	1					Latter Part Pleasant & so
12	1					Ends.
1	1	1	S. by W.			At 12 lacked to the Northward
2	1	1				
3	1	1				
4	2					
5	2	1	N. S. W.			
6	3	1				
7	3	1				
8	4					
9	3		S. W. by W.			
10	3	1				
11	3					
12	3					Latitude Obs ^d 35° 26'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
S 45° W	49'	37'	32'	35° 33'	35° 26'	2 1/2° W	40'	24° 57'	22° 53'

Almas from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Saturday July 3 ^d 1819.
1	3		North	W. by E.		Begin with moderate breeze
2	3					& Pleasant. At 7 AM. Squared
3	4					the yards. Sent aloft fore &
4	1	1				main top mast & top gallant
5						steering sail. Booms, & set the
6	Calm					fore & main top mast & top
7	1					& top gallant steering sails.
8	3		N. by E.	E. by S.		At 2 hauled in the Lardboard
9	3	1				braces. & took in main top mast
10	3					& lower steering sails. At 5 AM.
11	2	1				in all steering sails. & raised up
12	3	1				& sent the booms on deck.
1	4					At 8 AM. sounded in 72 fathoms
2	4	1				Water.
3	5	1				At 10.30 AM. furled the main
4	6					royal. At 12 meridian single
5	5	1				reefed the top sails. & furled
6	5		West.	E. by S.		the Mizzen top gallant sail. &
7	4					Lacked ship to the NNE.
8	3					
9	4					
10	4					
11	5	1				
12	6					

Latitude Obs^d 35° 51'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Variat.	Diff. Long.	Long. in	Long. by Ob.
S. 1/2 W.	76'	25 S.	72'	35° 51'	35° 51'	2 1/2 W.	1° 29'	23° 28'	21° 24' E

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on Sunday 4 th July 1819
1	4		N. E. by E.	N. W.		This Day begins with cloudy weather
2	4					& fresh winds.
3	1	1	N. E. by E.			At 3 AM. the old sail which
4	4	1				we brought out from America
5	4					was furlled. At 6 AM. Lacked
6	4					ship. to the S. W. by W. and sent
7	3	1	N. W. by W.		1 1/2	down the main royal yard
8	3					& mast. At 7 AM. took in
9	2	1	N. W. by W.		2 1/2	top gallant sails, & furl'd the
10	2					At 8 AM. Double reefed the
11	2	1	N. W. by W.		2 1/2	top sails, & reefed the main sail.
12	2					& reefed the foresail. & set the
1	2	1	N. W. by W.		2 1/2	main Mizzen & fore top mast
2	2					staysails. At 12 midnight close
3	2					reefed the fore top sail. At 1 AM.
4	2					furled the fore sail. At 2 AM. out
5	2					all reefs. At 8 AM. double reefed
6	2		N. W. by W.		2 1/2	the fore sails. & hauled the main
7	3					sail. At 10 AM. put out the
8	3					top sails. At 12 Lacked ship.
9	3		N. E. by E.			
10	3					
11	2	1	N. E. by E.			
12	2	1				

Latitude Obs^d 35° 45'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Variat.	Diff. Long.	Long. in	Long. by Ob.
N. 66° W.	10'	4 S.	9'	35° 47'	35° 45'	2 1/2 W.	11'	23° 17'	21° 13'

Midas from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday July 5 th 1819
1	2	1	W by W	N by W		Begins with moderate breeze
2	2	1				& pleasant weather. At 4 P.M.
3	1					set fore & main top gallant sails
4	1		W 1/2 S.			At 8 P.M. fresh breeze & squally
5	1	1				Discovered a ship on our lee board
6	1	1				At 8 30 hauled top gallant sails.
7	1	1	W by S 1/2 S		2 nd	At 8 30 hauled top gallant sails.
8	2					for 8 th franken. At 9 Double Reefed
9	3					top sails. At 9 30 Close Reefed the
10	1	1				main & furlled the fore & main
11	1	1	N by E.		3	top sails. Set the fore main & main
12	1	1				flaysails. & furlled the fore & main
1	1	1				Courses At 10 Wore Ship. At 10 30
2	1	1	N by W		2	set the fore & main top sails. Close
3	1	1				Reefed. At 11 Reefed the foresail &
4	1	1				set it.
5	4	1	N by W			Middle part. Squally. Cold & Rainy.
6	4	1		S by W		At 2 P.M. set fore & franken. At 3 P.M.
7	6	1				set the mainsail. At 4 30 P.M. hauled
8	6	1				up mainsail. took in fore & franken.
9	7	1				At 5 set & Reefed out of the top sails &
10	7	1				set the mainsail. At 9 set the fore.
11	7	1				Reefed the franken. & set it.
12	7	1				Ends stiff breeze & cloudy.

Latitude 35° 38'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 88° W	63'	2'	63'	35° 43'	35° 38'	2 1/2 W	1° 18' W	21° 59'	19° 55' East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday July 6 th 1819
1	7		N by W	S by E.		Begins with fresh breeze & jingling
2	7					clouds. At 1 30 P.M. let 1 Reef out
3	6	1				of the top sails. & set the fore & main
4	6	1				top gallant sails. At 2 P.M. hauled
5	4	1				down the fore & main flaysails.
6	5					At 3 30 P.M. sent aloft main top
7	3	1				gallant yard, & set the sail. At
8	3					5 30 let the Reef out of the top sails.
9	3		N by W	W by W		& hauled down the main flaysail.
10	3					Middle light winds. & Pleasant
11	1	1				weather. At 6 P.M. squared the
12	1	1				yards, & set steering sails. fore &
1						At 7 And sent aloft the main
2						Royal yard. & mast. & set the sail.
3						At 11 P.M. took in steering sails
4	1		N by W			and braced to.
5	2		N by W			Ends Pleasant with light
6	2					Winds.
7	2					At 6 P.M. discovered the Cape of
8	3					Good Hope. Latitude 35° 11' South.
9	3					
10	3					
11	3					
12	2					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 70° W	82'	28'	78'	35° 12'	35° 11'	2 1/2 W	1° 35'	20° 24'	18° 20' East.

Slidas from *Carlton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday July 7 th 1819.
1	1		NW.	All around the Round		Begins with light winds &
2	1					Pleasant Weather.
3	2					
4	2	1				At 5 P.M. set main top gallant
5	1	1	NW.			steering sail. At 6 set the fore
6	1	1				top mast steering sail. At
7	2		NW.			7 P.M. in all steering sails. Winds
8	2					veering & hauling. At 10 P.M.
9	2		NW.			Middle part light winds and
10	2					Very Pleasant.
11	2	1				
12	3					At 1 P.M. lashed ship.
1	3		NW.			At 6 P.M. lashed again.
2	3					At 11 P.M. lashed again.
3	3					
4	3					Ends With light Winds
5	2		SW.			and Pleasant Weather.
6	2	1	North			At 6 table mount in sight bearing
7	3					NW. At 12 the Cape of Good Hope
8	3					bore E. S. Distance 39 miles. Table
9	2	1	NW.			with E & C. Distance 63 miles.
10	2	1				
11	1	1	SW.			
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 51 st	41'	26'	32'	34° 45'	34° 42'	2 nd 11	39'	19° 45'	17° 41'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday July 8 th 1819.
1	1		SW.	Wednesday July 7 th 1819 at 12 meridian the Cape of Good Hope bore E. S. Dist 39m From which I take a new Departure.		Begins With Light Winds &
2	1					Pleasant Weather.
3	1					
4	1					At 6 P.M. braced up on the
5						Starboard tack.
6	Calm					At 10 P.M. squared the yards
7						& set steering sails.
8						At 2 P.M. fixed ship.
9						
10	2		NW.			At 12 meridian took in the fore
11	4					main top mast steering sails.
12	4					Ends With fine Weather &
1	4	1				South East Winds.
2	5					
3	5					Latitude of the Cape 34° 26' S
4	5		NW.			Longitude D° D° 18° 23' E.
5	6	1				Distance from the Cape of Good Hope
6	7	1				to St. Helena, is 1716 miles.
7	7	1				
8	7					
9	6					
10	6					
11	6	1				
12	6	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 83 rd	113'	16'	112'	34° 10'	34° 10'	2 nd 11 W.	2° 15'	16° 08'	East

Latitude. Ob. 34° 10'

Midas from Canby towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday July 9 th 1819.
1	8		SW by S	SE		Begins With Ship Breeze &
2	8					Pleasant Weather At 2 P.M.
3	8	1				took in Main top mast &
4	9					Lower steering Sails & hauled in
5	8	1				the Lee Braces. At 7 P.M. in all
6	7	1				steering sails & braced W by S
7	6	1				1/2 sent the boom on deck.
8	6		SW by S			Middle Part head Wind. & squally
9	6		SW			At 2 A.M. sent down royal yard
10	5	1	SW by S			& mast. At 4 A.M. Double Reefed
11	5	1				the topsails, & furled top gallant
12	5	1				sails. At 5 A.M. furled the jib
1	5		W by S			& Spanker. At 9 A.M. hauled the
2	5					mainmast, pulled the Mizzen top sail
3	4	1	W by S			Close Reefed the fore & main top
4	4	1				sail. & Reefed the foresail. &
5	4	1				set the main, & Mizzen staysails.
6	4	1	W 1/2 S.			At 11 A.M. sent down top gallant
7	4			SE		yards, & furled the rest top sails.
8	3	1				Ends With A Gale. & Rainy.
9	3		West.			Latitude Obs ^d 34° 07'
10	2	1				
11	2					
12	2					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 89° W	94'	2'	94'	34° 08'	34° 07'	2 1/2 W	1° 43'	14° 25'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday July 10 th 1819.
1	2	1	W by S	SE	4	Commences With A Gale of Wind
2	2					& Rainy At 2 P.M. Work this
3	2	1	SE by E			to the SE & hauled down jib.
4	2	1				& set the fore top mast staysail.
5	2	1	SE by E		3	At 6 P.M. set the fore & Mizzen
6	2	1				topsails, Close Reefed At 8 A.M.
7	3		SE by E		2 1/2	Reefed the Main sail. & set it for
8	3					the first time this Voyage.
9	2	1				At 11 P.M. set the jib & Spanker.
10	2	1				& shook 1 Reef out of the fore
11	3					& main topsails. At 2 A.M.
12	4		SE by E			Went Ship head W by S. & stopped
1	4					the jib & Spanker. At 10 A.M.
2	4		W by S.		3	Close Reefed the rest top sails.
3	3	1				& hauled the Main sail.
4	3		W 1/2 S.			Ends With a Gale & Cloudy.
5	3					
6	3					
7	3					
8	3					
9	3					
10	3		West.	SE		
11	3					
12	3					

Course	Dist	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 88° E	8'	1 N.	8'	34° 06'	none.	2 1/2 W	9'	14° 34'	East.

c Midas from Canton towards Boston.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sunday July 11 th 1819
1	2	1	West.		4 th	Begins With a gale & Cloudy
2	2	1				at 2 P.M. the gale increasing
3	2	1				round the fore & Mizzen
4	2	1				topsails. & Close hauled the
5	2	1				main topsails. & hauled down
6	2	1				the fore top mast staysails.
7	2		at East.			at 3 P.M. hauled the fore
8	2					and Mizzen top gallant masts
9	2					at 4 P.M. set the fore & Mizzen
10	3					topsails. at 4 P.M. sailed them
11	2		at West.		4	again.
12	2					Middle part fine Weather
1	2				3	but at heavy sea.
2	2		at West.			at 3 P.M. set the fore & Mizzen
3	2					topsails. & Mainmast.
4	2					at 5 P.M. more moderate at the fore
5	4					& Spanker. at 8 P.M. sent up
6	4	1	at East.		2	the gallant masts & yards &
7	4	1	at North			at the sails. at 9 P.M. heave out
8	4				1	ends With light Winds & a very
9	3		at West.			heavy swell went the Westward.
10	2	1				Latitude Obs 33° 20'
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 70° E	24'	24'	3	33° 42'	33° 29'	2 1/2° W	3' E	14° 37'	End

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks Monday July 12 th 1819.
1						Begins With Pleasant Weather
2						& light Winds With a very heavy
3						swell. at 2 P.M. hauled up the
4						fore & main Course. added the main
5						top gallant sail. hauled down the
6						fore & Spanker. at 3 P.M. hoisted
7						up the gallant sails. & hauled aboard
8						the fore & main back.
9	1	1	at West.		4	at 9 P.M. set the fore & Spanker.
10	2	1				Middle part Pleasant.
11	3	1				at 2 P.M. gradually sailed the
12	3	1				fore & Mizzen top gallant sails.
1	3	1	at West.			at 7 P.M. set the fore & Mizzen
2	4	1				top gallant sails.
3	4	1				at 9 P.M. discovered a strange
4	4	1				Ship. to Windward of Us.
5	4	1				standing to the Westward.
6	4	1				Ends With fine Weather.
7	4		West.			
8	4					
9	4					
10	4					
11	3	1	at West.			
12	3	1				Latitude Obs 33° 49'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 70° E	53'	17'	51'	33° 40'	33° 49'	2 1/2° W	1° 01'	13° 30'	

Alidos from *Carrión* towards *Trinidad*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday July 13 th 1819.
1	3		W & W	Current 30 miles e & s.	1/2	Begins with fine weather & a heavy head sea. At 3 P.M. single reefed topsails. At 5 P.M. fished top gallant sails. The strange ship nearly in our wake. At 6.30 hoisted down jib & spanker.
2	3	1				
3	3					
4	3					
5	3		W by N		1	
6	3					
7	3		W by N & E			
8	3					
9	3					
10	3					
11	3					
12	3	1				
1	3		e & East.	W by N		At 1. o'clock the ship within hail of us. but it blowing fresh did not speak her.
2	3					
3	3		e & 1/2 E.		1/2	At 1.30 o'clock set the jib. Reefed the spanker. & set it.
4	3					
5	4					
6	4					At 3 o'clock set top gallant sails & hauled the reef out of the spanker.
7	4					
8	4					At 9 o'clock hauled the reef out of the topsails.
9	3		e & E.			
10	3					Ends with pleasant weather.
11	3		e & 1/2 E.			
12	3					

Latitude 16° 33' N. South

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 33° W	46'	39'	25'	33° 10'	33° 11'	2 1/2 ^{low} _{W.}	30'	13° 06'	East.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday July 14 th 1819
1	4		E by N & E	N & North		Begins with light winds & pleasant weather.
2	4					
3	3	1				
4	3	1				At 4 P.M. tacked ship to the Westward.
5	3		W by N	N by W		
6	2	1				
7	2	1				Middle Part. Cloudy.
8	3					
9	2	1				
10	2	1				At 6 o'clock squally furled the fore & Mizzen top gallant sails.
11	2	1	e & W by N		1/2	
12	2	1				
1	2	1				At 8 o'clock tacked ship to the Eastward.
2	3					
3	3					
4	3					At 11 squally furled the top gallant sails.
5	3					
6	3					
7	3		W & W			At 11.30 a sham squall rising. Double reefed the topsails.
8	3					
9	3		e & 1/2 E.			At 12 meridian turned 1 reef out of the top sails. & set top gallant sails. Ends Rainy.
10	3	1				
11	3	1	e & E.			
12	3					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 45° W	50'	35'	35'	32° 36'	none	2 1/2 ^{low} _{W.}	40'	12° 26'	12° 20' East.

Midas from *Canton* towards *Boston*.

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Thursday July 15 1819
1	6		W by E	W by E		This Day Commences with a fair Wind & Rainy
2	5		W by E			At 3 P.M. took in top gallant sails.
3	5					At 4 P.M. Set top gallant sails & hauled in the Weather braces.
4	5	1				& let the Reefs out of the topsails.
5	5	1		W by E		At 10 P.M. Squared the yards & set the larboard fore & main top mast, top gallant, & lower steering sails.
6	5	1	W by E			Middle part Breeze & Pleasant Weather
7	5	1				At 1 o'clock sent aloft the main royal mast & yard. & set the sail.
8	5	1				At 2 o'clock set the starboard main top gallant steering sail.
9	5	1				At 6 o'clock fired ship.
10	5	1				Ends with a fine Breeze and Cloudy Weather
11	5	1				
12	5	1				

Latitude Obs^d 30° 16'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 34° W	178'	147'	100'	30° 09'	30° 16'	2 1/2 W	1° 57'	10° 29'	East.

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Friday July 16 th 1819.
1	8		N N W	S by E		Begins with Cloudy Weather & a fine S. East. Wind. At 1.30 P.M.
2	8	1				hauled down staysails. & hauled in the Weather braces & set the Lee main top mast steering sail.
3	8	1				At 3.30 P.M. took in the Lee main top mast steering sail.
4	8	1				At 6 P.M. Squared the Watch standing by steering sail tacks & main yards.
5	8	1				Middle part squally.
6	8	1				At 3 A.M. in steering sails & hauled up.
7	8	1				At 7 A.M. parted the main royal.
8	8	1				At 8 A.M. single Reeged the topsails. & parted top gallant sails.
9	8	1				At 12 meridian Double Reeged the topsails.
10	8	1				Ends with a fine Breeze & Rainy
11	8	1				
12	8	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 49° W	208	137'	157'	27° 59'	none	2 1/2 W	2° 59'	7° 30'	

Midas from *Canter* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday July 17 th 1819
1	6		N ^W by E	N E.	1/2	Begins with Cloudy Weather & Rain
2	5					At 1 P.M. the Main jib. & Stit. jib.
3	3					head to foot. sent it on a tick.
4	2	1	ex ^{tr} light			At 2 P.M. sent down main & royal
5	2	1	N ^W			yard & mast. At 4 P.M. took one
6	3					rod out of the topsails. & set top
7	3		ex ^{tr} light			gallant. sails. At 6 P.M. sent the
8	2	1				lying jib. in room of the main one.
9	2	1				At 12 midnight. raised up on the other
10	2	1	N ^W by E			back. At 4 o'clock took the other & set
11	2	1				out of the topsails. At 7 o'clock had
12	2	1	ex ^{tr} light			in the Weather sails. & set the larboard
1	1	1	N ^W by E			storing sails. At 8 o'clock sent aloft fore
2	2		N ^W by E	SW.		1 mizen royal masts & yards. & set
3	2					royals & staysails.
4	3					This Day all hands employed
5	2	1				mending sails. and on other
6	2	1				necessary jobs. At 9 o'clock from the
7	3					mast of head discovered a sail on the
8	3	1				weather van. steering to the S. & towards
9	3	1				S. & westward.
10	4					Ends with fine Weather.
11	4					
12	4					Latitude Obs ^d 27° 29'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N ^W by E	69'	37'	58'	27° 22'	27° 29'	2 ^h 10'	1° 06'	6° 24'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday July 18 th 1819.
1	4	1	N ^W by South			Begins with fine Weather. With
2	4	1				steering sail set on the larboard
3	5	1				side. At 6 P.M. the strange sail
4	6					bore 1/2 E. At 7 P.M. rigged out
5	8					rigging to guy out the foremast.
6	8	1				At the fore main top mast steering
7	8			SE.		sail
8	8					Middle part fine Breeze & Pleasant.
9	8					At 7 o'clock the strange sail bore S. & N ^W
10	8					At 9 o'clock set the starboard lower
11	8					steering sail.
1	7	1				At 12 meridien the strange
2	7	1				sail bore S by West.
3	7	1				Ends with fine Breeze &
4	7	1				Pleasant Weather.
5	7					All steering sails set.
6	6	1				
7	6	1				
8	6					
9	6					
10	6					
11	6					
12	6					Latitude Obs ^d 25° 37' S.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N ^W by E	164'	112'	120'		25° 37'	2 ^h 10'	2° 15'	4° 09'	East

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Monday July 19 1819.
1	5		At 6 P.M. the strange sail out of sight. Astored of us.	SSE.	The S.E. trades.	Begins with fine Breeze & Pleasant Weather.
2	5	1				At 3 P.M. ficed Ship.
3	5	1				At 10 P.M. set the fore top gallant Steering sail.
4	5	1				At 3 A.M. hauled in the larboard Steering sails.
5	5	1				Braced Up.
6	5	1				At 10 A.M. Squared the yards and set the larboard Steering sails.
7	5	1				Ends with fine Weather.
8	5	1				All hands employd mending & bending sails.
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Latitude Obs^d 24° 18'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 48 W	117'	79'	87'		24° 18'	2 ^h 11'	1° 36'	2° 33'	E.

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on Tuesday July 20 th 1819
1	3		At 6 P.M. the strange sail out of sight. Astored of us.	SSE.	The S.E. trades.	Begins with Light Winds & Pleasant Weather
2	3	1				At 4 P.M. ficed Ship.
3	3	1				At 9 P.M. ficed net again
4	3	1				At 11-30 ficed again
5	4	1				At 1 A.M. ficed Ship.
6	4	1				At 3 A.M. ficed Ship.
7	5	1				At 6 ficed Ship.
8	4	1				At 7 ficed ship.
9	3	1				At 9 ficed ship.
10	3	1				At 11 ficed Ship.
11	3	1				And ended the Day With ficing Ship
12	3	1				All hands employd on various jobs.
1	2	1				
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	2	1				
12	2	1				

Latitude Obs^d 23° 17'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 40 W	80'	61'	51'		23° 17'	2 ^h 10'	56'	1° 37'	East.

Midas from Canton towards Boston

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on Wednesday July 21 st 1819
1	2	1	N. N. W.			Begins with light winds
2	1		W by S			& Pleasant Weather
3	3		N by E			
4	5					At 1 P.M. Braced up on
5	4	1	N. N. W.			the larboard tack. & took
6	4					in all steering sails.
7	4					At 3 P.M. knocked off work
8	5					and turned to Washing Deck
9	5					At 4 P.M. hauled in the
10	5					Weather braces. & set the larboard
11	4					steering sails.
12	4					At 5 P.M. sent fit & flying fit
1	3					
2	3					
3	2	1				
4	3					
5	2	1				Winds Continuing light &
6						Variable Bacing the yards about
7	Calm					& fiving ship Ends these 24
8						Hours. All hands employed
9						making Rope mending sails &c.
10	2	1				
11	Calm					
12						Latitude 22° 32'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 44° W	62'	46'	47'	22° 31'	22° 32'	2 ^W	45	52° E	

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on Thursday July 22 ^d 1819
1	1	1	N. N. W.	S. S. W.		Begins with Moderate Breeze
2	1	1				inclining to a Calm.
3	1	1				At 5 P.M. hauled in starboard
4	1	1				braces. & set Lower steering sail.
5	1	1				
6	1	1				Middle part Clear & Cloudy
7	2					light Winds. & Variable.
8	2					
9	2	1				At 4 o'cl. in all steering sails
10	2	1				& braced up. At 6 raining.
11	2	1				
12	1	1				At 8 o'cl. hauled in larboard
1						braces. At 8 30 squared the
2	Calm					yards & set steering sail.
3						
4			N. N. E.	N. W. by W.		At 9 o'cl. fired ship.
5	3					
6	3					At 10 o'cl. fired ship.
7						
8	Calm.					Ends light Winds &
9						Pleasant Weather.
10	1	1	N. N. W.			
11	2	1				
12	2	1				Lat 22° 01'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 37° W	32'	26'	19'	22° 06'	22° 01'	2 ^W	21'	31° E	

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Friday July 23 ^d 1819
1	2	1	SW	SE		Beginning with Light Winds
2	2	1				& Pleasant Weather.
3	2	1				Bracing the yards. & furling
4	2	1				ships. At 10 o'clock saw a
5	3					large Whale.
6	3					
7	3					
8	4					
9	4	1				At 4 P.M. Hoisted the Old fore
10	5					top mast steering sail. & set
11	5	1				it on the Starboard side.
12	5					Middle fine Breeze & Pleasant
1	5					
2	4	1				
3	5	1				
4	3	1	North			At 4 o'clock in all steering sails
5						& braced up on the Starboard
6	Calm					tack. At 7 o'clock squared away
7						& set all steering sails.
8	3		SW	SE		
9	4	1				
10	4	1				Ended with South East Trade
11	4	1				Winds & Pleasant Weather.
12	4	1				

Latitude 66° 20' 54"

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SW 38° W	82'	64'	51'	20° 57'	20° 54'	1 1/2° N	55'	0° 24' West.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday July 24 th 1819
1	5		SW	SE		Beginning with fine Breeze
2	5	1				& Pleasant Weather. All
3	5	1				steering sails set.
4	5	1				
5	5	1				At 7 P.M. took in the Starboard
6	5					fore top mast steering sail.
7	5		SW	SE		
8	5	1				At 9 P.M. set the flying jib.
9	5	1				
10	5					Middle part fine Breeze &
11	6					Pleasant Weather.
12	6					
1	6					
2	5	1				At 6 o'clock hauled down flying
3	5	1				jib. and set the Starboard fore
4	5	1				top mast steering sail.
5	5	1				
6	5					All hands employed mending
7	5	1				sails. & other necessary jobs.
8	6					
9	6					Ended with fine Breeze &
10	6					Cloudy Weather.
11	6					
12	5	1				

Latitude 66° 19' 14"

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
SW 44° W	133'	90'	92'	19° 18' S	19° 19'	1 1/2° N	98'	2° 02' West.	

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday July 25 th 1819
1	6		excl W	SSE		Begins with fine Breeze &
2	6					Pleasant Weather
3	5					At 7 P.M. piced ship
4	4					
5	5					Middle Part fine Breeze
6	5					& Pleasant Weather
7	5	1				
8	5					
9	5					At 9 o'Clock hauled in the
10	5					starboard Braces. & took in the
11	5					Lee Steering sails.
12	5					
1	5					At 11 o'Clock squared the yards
2	5	1				& set the Steering sails.
3	5					
4	6	1				
5	6					Ends with Pleasant Weather
6	5					& fine Breeze.
7	5					
8	5					
9	6					
10	5	1				
11	5	1				
12	5	1				

Latitude Ob^d 47° 54'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
excl 48 ^W	12 ⁷	85'	94'		17° 54'	1½ ^W	1° 40'	3° 42'	West.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday July 26 th 1819.
1	6		excl W			Begins with fine Breeze &
2	6	1				Pleasant Weather. At 8 P.M. piced
3	5	1				Ship. at 10 & 11 P.M. piced ship.
4	5					Middle Cloudy with a little Rain.
5	5					At 1 o'Clock piced ship. & hauled in
6	5					Lee Braces. & took in Lee Steering
7	4					sails. & set fore & stay sails.
8	4					At 2 o'Clock squared the yards &
9	5					down fore & stay sails. & set the
10	6					Lee Steering sails.
11	6	1				At 8 o'Clock piced ship.
12	6					At 11 o'Clock saw the Island of
1	5					St. Helena bearing N. W.
2	4	1				distance, about 14 Leagues.
3	5	1				Ends with a fine Breeze &
4	6					Pleasant Weather.
5	6					All hands employ'd knotting
6	6					yarns.
7	5	1				
8	5					
9	7					
10	7					
11	7					
12	7	1				

Latitude Ob^d 16° 18'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
excl 44 ^W	134	96'	93'		16° 18'	1½ ^W	1° 37'	5° 19'	W.

Midas

from

Canton

towards

Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Tuesday July 27 th 1819
1	7	1	nnw	SE		Begins with fine Breeze &
2	6	1	nbyw	SE		Pleasant Weather. At 3 P.M.
3	7					discovered a Ship, to be west
4	7	4				of us. Near the Land.
5	7					Suppose her to be an English
6	7					Man of War. At 5 P.M. saw
7	7	1				another sail. At 6 P.M. St
8	7	1				Helena bore S.W. by W.
9	7	1				Middle part Cloudy &
10	7	1				a fine Breeze.
11	8	1				At 8 P.M. hauled in the
12	8	1				Lee Braces. & took in Lee
1	7	1				steering sails.
2	7	1				Ends with a fine Breeze
3	7	1				& Pleasant Weather.
4	8	1				Crew employed Knotting &
5	8	1				Spinning yarns strapping
6	8	1				blocks &c. &c. Latitude Obs 14°30'
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	9	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 48 W	183'	123'	135'	14°15'	14°30'	1 1/2 W	2°20'	7°39'	West.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday July 28 th 1819.
1	8		NW by N	SE		Begins with fine Breeze,
2	8					and Pleasant Weather.
3	8					
4	8	1				
5	8	1				
6	8	1				
7	8					
8	8					
9	8					
10	8					
11	8					
12	7	1				
1	8					
2	8	1				
3	8	1				
4	8	1				
5	9					
6	9					
7	8	1				
8	8					
9	7	1				
10	7	1				
11	7	1				
12	7	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 45 1/2 W	195'	114'	158'		12°36'	1 1/2 W	2°43'	10°22'	West.

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday July 29 th 1819
1	7	1	W by E	SSE		Begins with fine Breeze & Pleasant Weather.
2	8					
3	7					
4	7					At 7 P.M. set the Lee main top mast & lower steering sails.
5	7					
6	7					
7	7					
8	6	1				At 10 P.M. took in Lee steering sails.
9	6	1				
10	7	1				
11	7					
12	8					At 1 A.M. set them Again
1	2					
2	6	1				At 7 A.M. took them in Again
3	7					
4	7	1				Latter Part Squally with Rain. & So the Day Ends
5	7	1				Watch on Deck.
6	7	1				
7	8					
8	8	1				
9	7					
10	7					
11	7	1				
12	8					

Latitude Obs^d 10° 45'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 51° W	175'	111'	136'		10° 45'	1½ ^W	2° 19'	12° 41'	West.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday July 30 th 1819
1	7	1	W by E	SSE		Begins with fine Breeze & Squally Weather.
2	7	1				
3	7	1				
4	7	1				At 6 P.M. fixed Ship & set the Lee main top mast steering sail.
5	7	1				
6	8					
7	7	1				At 7 P.M. fixed again.
8	6	1				
9	6	1				Middle fine Breeze & Pleasant.
10	6	1				
11	7					
12	7					At 6 A.M. took in the Lee main top mast steering sail and braced up.
1	7					
2	6					At 7 A.M. squared the yards.
3	6					
4	6					Ends with Pleasant Weather.
5	6					
6	6					
7	5	1				
8	5	1				
9	5	1				
10	5	1				Watch employed getting water out of the fore Peak.
11	5	1				
12	6					

Latitude Obs^d 9° 08' S

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 52° W	156'	97'	123'		9° 08'	1½ ^W	2° 05'	14° 46'	

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Saturday July 31 st 1819
1	5	1	NW by N E. trades.			Begins With Moderate Breeze.
2	5					& Pleasant Weather.
3	5					At 2 P.M. set the Larboard
4	5					Lower Steering sail.
5	5					At 3 P.M. saw the Island
6	5					of Ascension, bearing N. E. by N.
7	5					distance, about 30 miles.
8	5					Middle light Winds & Pleasant
9	5	1				At 3 A.M. fixed Ship.
10	5	1				
11	5	1				
12	5	1				
1	5					Ends With Light Winds
2	5					& Pleasant Weather.
3	5					All hands employd varnishi
4	5					ing Decks. & other jobs.
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	5	1				
11	4	1				
12	4	1				

Latitude Obs^d 7° 43'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 44 th W	118	85'	82'		7° 43'	1 1/4 th W	123' W	16° 09' West.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday August 1 st 1819
1	5		N by E South East Trade Winds			Begins With Moderate Breeze
2	5					and Pleasant Weather.
3	5					
4	5	1				Middle fine Breeze &
5	5	1				Pleasant Weather.
6	5					
7	5					
8	5	1				
9	5	1				
10	5					
11	5					
12	5	1				
1	5	1				Ends the Same.
2	4	1				This Day Caught a dolphin
3	4	1				and a bonnetta.
4	6					
5	6	1				
6	6					
7	6					
8	6					
9	6					
10	6					
11	6	1				
12	7	1				

Latitude Obs^d

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 47 th W	138	90'	97'		6° 13'	1 1/4 th W	1° 38'	17° 09' West.	

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday August 2 nd 1819
1	6	1	N by E			Begins with fine Breeze & Pleasant Weather.
2	6	1				
3	6	1				
4	6					
5	6					
6	6					
7	5	1				Middle Part the Same
8	5					
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	6					
2	6	1				
3	6	1				All hands employ'd rattling & reeq Rigging.
4	6					
5	6					
6	5					
7	5					
8	5					
9	5					
10	4	1				
11	4	1				
12	5					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 48 W	135	91	100	4° 42'		1 1/4 W	1° 40'	19° 27'	West.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday August 3 rd 1819
1	5		N by E			Begins With fine Breeze & Pleasant Weather.
2	5					
3	5	1				
4	5	1				
5	6					
6	6					
7	6					
8	6	1				
9	5	1				Middle Part the Same
10	5					
11	4	1				
12	4	1				
1	4					And so it Ends.
2	4					
3	4					
4	4					
5	5					All hands employ'd rattling Rigging.
6	5	1				
7	5	1				
8	5	1				
9	5					
10	5					
11	5					
12	4	1				

Latitude Ob^d 3° 02'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 48 W	122	82'	91'	3° 20'	3° 02'	1 1/4 W	1° 31'	20° 58'	

Midas from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday August 4 th 1819
1	4	1	N by N	S E.		Begins With fine Breeze & Pleasant Weather.
2	4	1				
3	5	1				
4	5					
5	5					
6	5					
7	5	1	S			This Day saw a schooner no Doubt she was a black bird Catcher.
8	5					
9	5					
10	5	1				
11	5	1				
12	5	1				
1	5	1	S			Ends the Same.
2	5	1				
3	5	1				
4	6					
5	6					
6	6					
7	5	1	S			All hands employed tarring Rigging & other jobs.
8	5					
9	5					
10	5					
11	4	1				
12	4					

Latitude Obs^d 1° 31' S

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 43° W	125'	91'	85'		1° 31' S	1° W	1° 25'	22° 23'	West.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday August 5 th 1819
1	5	1	N by N	S E.		Begins With fine Breeze & Pleasant Weather.
2	5					
3	5	1				
4	5					
5	5	1				
6	5	1				
7	4		S			Middle Part the Same
8	4	1				
9	4	1				
10	4	1				
11	4					
12	4					
1	4		S			And so it Ends.
2	4					
3	5					
4	5					
5	5					
6	5					
7	4	1	S			All hands employed on the Rigging.
8	4	1				
9	4	1				
10	4	1				
11	4					
12	4					

Latitude Obs^d 00° 05' S

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 40° W	112'	86'	72'		00° 05' S	1° W	1° 12'	23° 35'	West.

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday August 6 th 1819
1	5		SW by W	SE by S		Begins With fine Breeze
2	5					& Pleasant Weather
3	5					
4	5					
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				Ends the Same
12	5					
1	5					
2	5					
3	5					
4	5					
5	5	1				All hands employed on
6	5	1				the Rigging &
7	5	1				
8	5	1				
9	6	1				
10	7					
11	7					
12	7					Latitude Obs ^d 1° 48' North

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 45° W	126'	89'	89'	1° 24'	1° 48' N	1 ^h W	1° 29'	25° 04' W	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday August 7 th 1819.
1	5	1	SW by W	SE by S		Begins With fine Breeze
2	5	1				& Pleasant Weather
3	5	1				
4	6					
5	6					
6	5	1				
7	6					Middle Part the Same
8	6					
9	6					
10	6					
11	6					
12	5	1				And So it Ends.
1	6	1				This Day finished Tarrling.
2	7					
3	7	1				
4	7					
5	7					
6	7					Variation Per Azimuth 8° 53' miles
7	7	1				
8	7	1				
9	7					
10	7					
11	7					
12	7					Latitude Obs ^d 3° 43' North

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 42° W	154'	115'	103'		3° 43'	3 ^h W	1° 43'	26° 47' W	

Nicas from *Canton* towards *Boston*.

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sunday August 8 th
1	6	1	N by W	SSE		Begins With fine Breeze & Pleasant Weather.
2	6	1				
3	7					
4	7					
5	6	1				
6	6	1				
7	7					
8	7					
9	7					
10	6	1				
11	8					
12	8	1				
1	8					Middle Part the Time At 5 A.M. took in Starboard main, top mast top gallam & Lower steering sails. At 6 A.M. Rainy. Ends With Stiff Breeze & fine Weather.
2	7	1				
3	7	1				
4	8					
5	8					
6	8	1				
7	7					
8	7					
9	7	1				
10	7	1				
11	8					
12	8	1				

Latitude *35° 5' 44"*

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
<i>N 27° W</i>	<i>177</i>	<i>121'</i>	<i>129'</i>		<i>5° 44'</i>	<i>1/4 W.</i>	<i>2° 09'</i>	<i>28° 56'</i>	<i>West.</i>

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday August 9 th
1	7	1	N by W	SSE		Begins With Stiff Breeze & Pleasant Weather.
2	7	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6	1				
12	7	1				
1	6	1		SW		Middle Squally With Rain. At 2 A.M. braced up sharp on the Starboard Tack. & in all steering sails. At 3 took in Royals.
2	6					
3	5					
4	4					
5	6	1				
6	5					
7	5					
8	5	1				
9	7	1				
10	6	1				
11	6	1				
12	6					

Water employed trimming Ship.

Latitude *36° 7' 34" N*

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
<i>N 39° W</i>	<i>149</i>	<i>116'</i>	<i>95'</i>	<i>7° 40'</i>	<i>7° 34'</i>	<i>3/4 W.</i>	<i>1° 36'</i>	<i>30° 32' W</i>	

Midas from *Canlon* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday August 10 th
1	5	1	NW by E	SSW		Begins With fine Breeze
2	5					& Cloudy Weather.
3	4	1				
4	4					
5	3	1				
6	3	1				Middle Squally
7	2					Watch employed setting &
8	1	1				taking in steering sails &
9	3	1				Royals.
10	4					
11	3	1				
12	3	1				
1	3	1				Latter Part Rainy. &
2	3					Ends Cloudy with light
3	2	1				Winds
4	2					Watch employed getting Water
5	2					out of the fore Peak.
6	Calm.					Dinner to Day Cook & Beams
7	2	1	NW W. West.			for the last time
8	3					
9	2	1	NW by E			
10	2					
11	2					
12	2	1				Latitude by Obs Indifferent: 8° 41' N.

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
NW 1/4 W	71'	54'	47'	8° 28' N	8° 41'	1/4 W	1.7'	31° 19'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday August 11 th
1	3	1	NW by E	SW		Begins With Light Breeze
2	3	1				& Pleasant Weather
3	3	1				
4	3					At 9 P.M. set the Staysails.
5	3					At 12 midnight set the fore
6	5		NW E			top mast fore & main top
7	5		NW by E			gallant steering sails.
8	4	1				At 12.30 clock in steering sails.
9	5	1	NW by E			At 2 Squally & Rainy.
10	5	1				took in Royals. & top gallant
11	5	1				sails.
12	5	1				At 7 A.M. Tacked Ship &
1	7		N E			set top gallant sails &
2	6	1				Royals.
3	5		NW E			
4	4	1				Ends With Light Winds.
5	4					
6	3					
7	Calm					
8	2		W N W			
9	2					
10	Calm					
11	1	1				
12	1	1				Latitude Ob. 9° 45'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
NW 1/4 W	72'	71'	9'	9° 52'	9° 45'	1/2 W	9'	31° 28'	2nd.

Nidas from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Thursday August 12
1	3		W by S	W by S		Begins With Light Winds
2	4		W by S	W by S		At 4 P.M. Squally
3	4					braced about the Yards.
4	2					& the Wind was gone
5	1	1				and looking after, but we
6	Calm.					found it on the other side
7	2					and we braced back again.
8	Calm					Middle Winds Variable
9	2					Calm & Rainy.
10	2					At 8 o'clk. set steering sails
11	3					Ends Cloudy.
12	3					
1	3					
2	2					
3	Calm					
4	1	1				
5	1	1				
6	2	1				
7	2					
8	3					
9	3					
10	3					
11	2					
12	2					

Latitude $36^{\circ} 10' 18''$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 47° W	52'	35'	37'	10° 20'	10° 18'	12° W	38'	32° 06'	West.

H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks on Friday August 13 th
1	2		N by E			Begins With Light Winds
2	1	1				With Very heavy Rain squalls
3	1	1				Winds from one point of the
4	1	1				Compass to the other. &
5	1	1				Very Light. the Watch employs
6	Calm					bracing about the Yards.
7	1	1				setting & taking in steering
8	1	1				sails. staysails, &c.
9	Calm					At 9 P.M. tacked Ship
10	2	1	E by S			At 12 midnight squared
11	3		West.			the Yards. & set the Larboard
12	Calm.					steering sails.
1	1	1	N by E			Ends With Light Winds.
2	1	1				& Cloudy weather
3	2	1				All hands employ'd scraping
4	1	1	W by S			the Ships. Sides.
5	2	1				
6	1	1				
7	Calm					
8						
9						
10	1	1	N by E			
11	2	1				
12	2	1				

Latitude $36^{\circ} 10' 26''$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 60° W	25'	17'	18'	10° 35'	10° 26'	12° W	18'	32° 24'	

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Saturday August 14 th
1	1	1	NW by E			Begins With Light Wind
2						& Cloudy Weather.
3	Calm					Winds Variable. finished sweeping.
4						
5	4		NW			
6	3					Middle Winds Light.
7	1					tacked Ship twice in about
8						half an hour.
9						
10	Calm					At 10 A.M. saw a sword
11						fish floating on the Water
12						lowered down the boat &
1						caught him. he was nearly
2	1	1	NW			dead, his whole length was
3	2		W 1/2 S			11 feet 4 1/2 inches, his sword
4	2	1	N by E			was 3 feet 7 inches long & his
5	1	1	NW			eyes 2 1/2 inches in Diameter.
6	2		W & W			Ends Rainy.
7	2	1	NW by W			
8	2	1				
9	2	1				
10	3	1				
11	2	1				
12	2		W & W			Latitude Obs ^d

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 63 W	31	14'	27'	10° 40'	none	1/2 W	28'	32° 52' West.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday August 15 th
1	2		W & W			Begins With Moderate
2	2					Winds. With Rain.
3	5	1				
4	5	1				
5	5	1	NW 1/2 W			
6	6					
7	5					Middle line Breeze
8	5	1				& Cloudy.
9	5	1				
10	5	1				
11	6		NW by W			
12	6	1				
1	6	1				
2	6	1				
3	6	1				
4	7	1				Ends With fine Wind
5	7	1				& Pleasant Weather.
6	7	1				
7	7	1				
8	7	1				
9	6		NW by W			Longitude by Lunar 36° 57'
10	6	1				
11	6	1				
12	6	1				Latitude Obs ^d 11° 44' 42"

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 63 W	142	64'	127'	11° 44'	11° 44'	1/2 W	2° 09'	35° 01' W	

Shiloh from *Carlton* towards *Boston*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Monday August 16 th
1	7		NW by W	NW by E		Begins with fine Breeze & Pleasant Weather.
2	7					
3	6	1				
4	6	1				
5	6	1	NW by W			
6	6	1				
7	6	1				
8	6	1				Middle part the same
9	6	1				
10	7					At 2 o'clock becketed the ship.
11	6	1				
12	6	1				
1	6	1				
2	7					
3	7	1				
4	7	1				
5	7					At 6 o'clock Set the fore top mast top gallant & Lower steering sails.
6	5					
7	4					
8	4					
9	4	1	N by E			Ends Pleasant fine Breeze
10	4	1				Watch employed scraping top mast &c.
11	6		NW by W			
12	7					Latitude Obs ^d 12° 53'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 57° W	148	81'	125	13° 05'	12° 53'	1/4° N	2° 08'	37° 09' West.	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday August 17 th
1	6		NW by W	NW by E		Begins with fine Breeze & Pleasant Weather.
2	7					
3	6		NW by W			
4	6	1				At 8 o'clock took in steering sails.
5	6	1				
6	5	1				
7	6		NW by W			Middle part fresh Breeze & squally
8	7					
9	7					
10	6	1				
11	7		NW by W			At 6 o'clock hauled in the Weather braces & set steering sails.
12	8					
1	7	1				At 10 o'clock took in Lower & main top mast steering sails.
2	6	1				
3	9	1				
4	9	1				
5	9					
6	8					
7	6	1				Ends Pleasant with a fine Breeze.
8	5					
9	6	1				
10	7					
11	7					
12	7					Latitude Obs ^d 14° 17'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 55° W	169	97'	138	14° 30'	14° 17'	1/4° N	2° 22'	39° 31'	

Midas from Canton towards Boston.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday August 18 th
1	7	1	NW	N E		Begins With fine Weather
2	6	1				& A fine Breeze.
3	6	1				
4	6	1				
5	7	1				
6	8	1				Middle Part the Same
7	8	1				
8	8	1				
9	7	1				
10	7	1				At 3 o'clk. Squally With
11	7	1				rain.
12	7	1				
1	8	1				At 6 o'clk. set the Lower
2	7	1				main top mast steering
3	7	1				sails.
4	7	1				
5	8	1				At 11-30 o'clk. A heavy rain
6	8	1				squally. Ends Pleasant.
7	7	1				Watch employ'd on Ships duty
8	6	1				
9	6	1				
10	6	1				
11	7	1				
12	7	1				Latitude Obs ^d 15° 56'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 55 ^W	173	99'	142		15° 56' ¹ / ₄ W.		2° 27'	41° 58'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday August 19 th
1	6	1	N West	N E by E		Begins With fine Breeze
2	6	1				& Squally Weather.
3	7	1				
4	7	1				
5	7	1				At 6 P.M. took in Main
6	7	1				top mast & Lower steering
7	7	1				sail.
8	7	1				
9	8	1				Middle Part the Same
10	8	1				
11	8	1				
12	8	1				
1	8	1				At 7 o'clk. set the Lower
2	8	1				steering sail.
3	8	1				
4	8	1				At 10 o'clk. carried away
5	8	1				the Main Royal mast
6	7	1				sent the yard & mast on Deck.
7	8	1				At 12 set the main top mast
8	8	1				steering sail.
9	8	1				Carpenter employ'd making a
10	8	1				new mast.
11	7	1				
12	7	1				Latitude Obs ^d 17° 56' N.

Course	Dist	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 50 ^W	187	120'	143		17° 56' ¹ / ₄ W.		2° 30'	44° 28' ¹ / ₄ .	

Midas from Canton towards Boston

Fl.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Friday August 20 th
1	7		N West	E & E.		Begins With fine Wind
2	6	1				& Weather the same.
3	7					
4	7	1				
5	7	1				At 8 P.M. the mast being
6	7					finished sent it aloft.
7	7					like wise sent the Royal &
8	7					skysail yards aloft & set
9	7					the Sails.
10	7					
11	6	1				
12	6	1				
1	7	1				At 10 o'clock took in main
2	7	1				top mast steering sail.
3	7					
4	6					Ends With Pleasant Weather
5	6	1				& fine breeze.
6	6	1				
7	5	1				Watch employd scrubbing
8	5	1				the Water Ways &c
9	6	1				
10	7					
11	6	1				
12	5	1				

This Day saw several Tropical Birds &c

Latitude Ob^d 19° 41'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 49° 16'	161'	105'	121'	N 49° 16'	19° 41'	4 th W	2° 08'	46° 38'	West

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Saturday August 21 st
1	6		N W.			Begins With fine Breeze
2	6					& Pleasant Weather.
3	6	1				
4	6					
5	6	1				At 11 P.M. set the main
6	7					top mast steering sail.
7	7					
8	7					
9	7	1				At 1 o'clock in all steering
10	8					sails. & braced up.
11	7					
12	5					
1	5	1				
2	6					At 7 o'clock squared the
3	6					yards. & set all steering
4	6	1				sails on the starboard side.
5	6		N by W & W.			
6	7		N W.			Ends With Pleasant
7	6					Weather
8	6					
9	6	1				All hands employd
10	7					painting ship.
11	7					
12	7					

This Day saw Gulf Weed.

Latitude Ob^d 21° 17'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 52° 2'	156'	96'	123'		21° 17'	4 th W	2° 11'	48° 47'	

Midas from *Canton* towards *Boston*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Sunday August 22
1	6	1	NW.	ESE.		Begins With fine Weather
2	6					
3	6					
4	5	1				
5	5					Middle Part the Same
6	5					
7	6					
8	6	1				
9	6	1	NW½W			
10	6	1				
11	7					
12	7					
1	7					Ends With the yards braced Up & steering Sails in.
2	7		NW.			
3	6					
4	6					
5	6					
6	5	1				
7	6	1				
8	6	1				
9	6		NW½W			
10	6					
11	5	1	NW by W			
12	5	1				

Latitude Ob^d 22° 42'

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 50 W	146'	94'	112'	22° 51'	22° 42'	4° W	2° 01'	50° 48'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday August 23
1	5	1	NW by W	N E.		Begins With fine Winds & Weather.
2	6	1				
3	6					
4	6	1	NW½W			
5	6	1				Middle Part the Same.
6	7					
7	7		NW by W			
8	7					
9	7		NW½W			
10	7					
11	6	1	NW.			
12	6	1				
1	7		NW½W			And so it Ends.
2	7	1				
3	7	1	NW			
4	7	1				
5	7	1				All hands employ'd painting the inside of the Ship.
6	7	1				
7	7	1				
8	7	1				
9	7	1				
10	7	1				
11	7		NW½W			
12	6	1				

Latitude Ob^d 24° 20' N

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 52 W	167'	103'	132'	24° 25'	24° 20'	4° W	2° 24'	53° 12'	West.

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Tuesday August 24
1	6	1	NW by W	N E		Begins With fine Breeze
2	6	1				& Pleasant Weather
3	6		NW by W			
4	6					
5	6		NW by W			
6	6					
7	6					
8	6					Middle Squally With
9	6					a little Rain
10	6					
11	6		NW by W			
12	6					
1	6	1				At 6 A.M. set the fore
2	6	1				top mast. fore & main top
3	6	1				gallant steering sails.
4	6	1				
5	6	1				At 10 A.M. hauled in the
6	6	1				Weather braces & set the
7	5	1				main top mast & Lower
8	5					steering sails.
9	6		NW by W			Watch employed getting Water
10	7					out of the fore Cask Lat 26° 13'
11	6		NW by W			
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 39° W	146'	11 1/2'	92'	26° 14'	26° 13' 1/4"	W	1° 42'	54° 54'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednesday August 25
1	4		NW by W	N E by E		Begins With fine Breeze
2	4	1				& Pleasant Weather
3	3	1				
4	3	1				
5	3					At 6 P.M. took in the
6	3	1				main top mast & Lower
7	4		NW by W			steering sails.
8	4	1				
9	4	1	NW by W			
10	4	1				Middle Rainy
11	5	1				
12	5	1				
1	5	1				
2	5	1				Ends With Light Winds
3	5	1				& Pleasant Weather.
4	5					
5	4	1	NW by W			All hands employed paint
6	4	1				ing the Outside of the Ship
7	5		NW by W			& Stern boat.
8	5					
9	4	1				Longitude by Lunat. 58° 29' 30"
10	4	1				Latitude Obs. 27° 36'
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 38° W	107'	84'	66'	27° 37'	27° 36' 1/4"	W	1° 14'	56° 08'	58° 29'

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday August 26 th
1	3		NW by N			Begins With Light Winds & Pleasant Weather.
2	3					
3	2	1				
4	3					
5	3	1				Middle Part the Same
6	4					
7	4	1				
8	5					
9	5	1				And so it Ends.
10	5					
11	4					
12	4					
1	4					All hands employed painting boats scraping Sparr. &c
2	4					
3	3					
4	2	1	N West.			
5	5	1				Latitude Obs ^d 28° 49'
6	4	1				
7	4					
8	4					
9	4	1	NW by N			
10	4	1				
11	4		N West.			
12	3	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 41° W	96'	73'	63'	28° 49'	28° 49'	N 1/4 W	1° 11'	57° 19'	59° 40' West.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Friday August 27 th
1	3		NW by W	NNE		Begins With Light Winds & Pleasant Weather.
2	3					
3	3					
4	3		WNW			
5	3					Middle Part the Same
6	3		NW by W			
7	3					
8	3		NW			
9	4					And Ends Pleasant & Very Warm.
10	4	1				
11	4		NNE 1/2 W			
12	3	1				
1	3	1				Watch employed on Various Jobs.
2	3					
3	3					
4	4					
5	4			ENE		A favorite Cock of the Capt. flew over Aboard hove the Ship about but fell to Leeward of him hove about & stood on.
6	3	1				
7	3	1				
8	3					
9	3	1				Latitude Obs ^d 29° 53' N
10	3	1				
11	3					
12	3					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 42° W	78'	58'	52'	29° 47'	29° 53'	N 1/4 W	1° 00'	58° 19'	60° 40' W

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Saturday August 28 th
1	1		N N W 1/2 W E N E			Begins Almost Calm
2	2					
3	1					
4	1					
5	1					
6	1					
7	Calm		East.			Middle the Same.
8	1	1				Weather Very Warm.
9	1	1				
10	1	1				
11	1	1				All hands employed unbending the old sails & bending the best.
12	1	1				
1	1	1				
2	2					Ends Almost Calm.
3	3	1				
4	3	1				
5	3	1				This Day finished painting the Waist Cloths.
6	3	1				
7	3					
8	3					
9	1	1				
10	1	1				
11	1	1				
12	1	1				

Latitude Obs 30° 38'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 31° W	45'	39'	23'	30° 32'	30° 38'	4 1/2 W	27'	58° 46'	61° 07'

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks on Sunday August 29 th
1	1	1	N N W	Variable.		Begins With Almost Calm & Very Warm.
2	1	1				
3	1	1				
4	1	1				Middle Part a fine Little Breeze.
5	1	1				
6	1	1				
7	1					At 6 A.M. saw a Parakee.
8	1					
9	2	1				
10	3					At 10 A.M. saw a Ship.
11	4					
12	4	1				
1	4		This Day Killed the last Hogs			At 11 A.M. saw a Schooner.
2	3	1				
3	3					
4	3					All of them steering to the Southward & Eastward.
5	3	1				
6	4					
7	4	1				Ends Pleasant
8	5					
9	5	1				
10	5	1				Latitude Obs 31° 35' N
11	4	1				
12	4	1				

Latitude Obs 31° 35' N

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 41° W	75'	57'	49'		31° 35'	none	57'	59° 43'	62° 04' 1/2 W

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday August 30 th
1	4		NNE	Variable		Begins With Light Winds
2	4					& Pleasant Weather.
3	3	1				At 3 P.M. the strange sails
4	3	1				out of sight.
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	4					
10	3					Middle Pleasant.
11	4					
12	4					
1	5	1				At 7 A.M. saw a Schooner
2	5	1				steering to the Southward & East.
3	5	1				At 10 A.M. saw a brig steering
4	5	1				to the Northward & Eastward.
5	5	1				Ends Pleasant.
6	5	1				Variation Per Azimuth 3° 32'
7	4					Latitude Obs ^d 32° 56'
8	4					
9	3	1		South		
10	4					
11	4					
12	3	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 36° 10'	100'	81'	59'		32° 56'	1/4 W	1° 10'	60° 55'	63° 14' W

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Tuesday August 31 st
1	2		NNE 1/2 W	S by W		Begins With Pleasant Weather.
2	2					Watch employed on Ships Duty
3	3	1				At 6 P.M. the Brig out of
4	3	1		Variable		sight.
5	3	1				
6	3	1				
7	4					Middle Part Squally With
8	3					Rain. thunder & Lightning.
9	3	1				At 2 A.M. set the Starboard
10	3	1				steering sails.
11	4	1				At 10 A.M. a heavy squall
12	3	1				in all steering sails. Royals
1	3	1				& Top gallant sails flying
2	3	1				fit & spanker.
3	4	1				At 11 A.M. saw a brig steering
4	4	1				to the North & East. At 11 set sail.
5	5			SWest.		Ends Squally.
6	6					Latitude Obs ^d 34° 31'
7	6	1				
8	6	1				
9	7	1	NNE			
10	7	1				
11	6					
12	6					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 29° 10'	107'	94'	52'	34° 30'	34° 31'	1/4 W	1° 03'	61° 56'	64° 17' West.

Midas from *Salem* towards *Canton*

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Wednesday Sept 6 th
1	6		at 10 th	by E		Begins With Siff Breeze
2	6					& Squally
3	5					
4	4		at 10 th			At 1 P.M. double Reefed the
5	4		at 10 th			topsails & furled the top gall
6	5					ant sails. At 2 P.M. let 1
7	6					Reef out of the topsails & set
8	6	1				top gallant sails. At 3 P.M.
9	6	1				out all Reefs & set Royals.
10	5	1				& Larboard fore top mast fore
11	6		at 10 th			& main top gallant steering
12	6					sails.
1	6	1	at 10 th			At 9 P.M. squally in all steering
2	7	1				sails. Royals & flying jib.
3	6	1				At 11 P.M. in top gallant sails.
4	5		at 10 th	E		Middle Part Squally with rain
5	Calm					At 6 P.M. set the Royals &
6	3		at 10 th	E		top gallant sails. At 10 P.M. set the
7	6					fore top mast & top gallant steering
8	6	1				sails. Ends Squally Latitude Oct ^o 36° 33'
9	7					
10	7	1				
11	7					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 28° W	133'	117'	63'	36° 28'	36° 35' 1/4"	1° 16'	63° 12'	65° 33'	West.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Thursday Sept 7 th
1	7	1	N 1/2 E	E & E		Begins With Squalls
2	8					At 1 P.M. in all steering sails
3	8					Royals & flying jib.
4	7	1				At 4 P.M. set them again
5	6	1				At 8 P.M. in steering sails.
6	6	1				& braced up.
7	5					Middle Part light Winds
8	5					At 10 P.M. tacked Ship.
9	5					Ends Pleasant
10	4	1				All hands employ'd getting
11	4	1				Cables on Deck. blacking
12	3	1				the Bends. &c.
1	3	1	N 1/2 W			
2	1/2	1				
3	3	1				
4	3	1	N 1/2 W			
5	3	1	N 1/2 W			
6	3	1				
7	3	1				
8	2	1				
9	1	1	N 1/2 S			
10	2	1	N 1/2 E	by S & W.		
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 41° W	97'	73'	64'	37° 48'	37° 31' 1/4"	1° 20'	64° 32'	66° 53'	West.

Movers from Canton towards Boston

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on Friday Sept 3
1	3		N East.			Begins With Light Winds & Pleasant Weather.
2	3					
3	2	1	NNE			
4	2	1	NNE	WxW		
5	2	1	N by E.	WxW		Middle Part Squally with Rain.
6	2	1				
7	2		N by E & E			
8	3					
9	3		N ½ E.			At 7 A.M. saw a Brig & a Schooner steering to the Southward & Eastward.
10	3					
11	4		N by W.	W by E		
12	3	1				
1	3		NNEW.			Winds Variable. Rainy. squally Setting & taking in Steering sails. & furling Ship. Ends this 24 hours.
2	3					
3	2		North			
4	1					
5	2		N by E.			
6	3	1	N by W.			
7	3	1				
8	3					
9	2		N by W.			
10	2					
11	3	1	N by E			
12	5	1				

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 90° W	62'	61'	10'	38° 32'	none	½ W	13'	64° 45'	67° 06' West.

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on Saturday Sept 4
1	3		N by W	SSW		Begins With Light Winds & Pleasant Weather.
2	3					
3	3					
4	2	1				
5	3		N by W	WSW		from the appearance of the Water I judge we are to the Northward of the Gulf.
6	4					
7	6		North			
8	4	1	N by W			
9	5		N by W			At 5 P.M. saw a ship. Brig. & Schooner. At 7 P.M. spoke the Brig. Jane of Bath 4 Days from Kennebunk bound to Martinico. At 11 P.M. saw a Brig steering to the Southward & Eastward. At 11 30 P.M. took in Staysails. & Royals.
10	5	1	NNEW			
11	5	1				
1	6		N by W.			
2	6					Latitude from an Observation of the North Star. 38° 16' North.
3	5					
4	5	1				
5	5	1				
6	5	1	NNEW			At 8 A.M. furlled the top gallant sails & Double Reefed top sails. furlled the jib & Snaphooks Ends With fresh Gale. & Pleasant.
7	5					
8	5					
9	4	1	N by W			
10	4	1				
11	4					
12	4					

Course	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 40° W	90	68'	58'	39° 40'	39° 24' ½ W		1° 15'	66° 00'	68° 21'

Midas from Canton towards Boston

H.	K.	H.K.	Courses.	Winds	L.W.	Remarks on Sunday Sept ^r 5 th
1	2		N by E		1 1/2	Begins With fresh Gales
2	2					& Pleasant Weather At
3	2					
4	2					
5	2		N by W		1/2	At 6 P.M. sent Down Royal
6	2					yards & housed the masts.
7	2					At 8 P.M. Shook one Rig out
8	2					of the top sails. & set the main
9	3					top gallant sail. fib. & spanked
10	4					Middle fresh Gale's & Cloudy
11	5		N by W			Weather At 3 o'Clock spoke a
12	5					schooner from Labrador bound
1	4					to new York informed us his
2	4					Longitude was. 69° 20' West.
3	4					At 7 o'Clock out all Creeper & set top
4	4					gallant sails. At 8 o'Clock sent down
5	4					the Royal yards. Sounded & found
6	4					65 fathoms. water. At 9 o'Clock
7	5					got the anchor on the ground.
8	4	1	N by W			At 12 Sounded in 40 fathoms
9	4					Water Ends foggy-
10	3	1	N 1/2 W			
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 25 W	79'	72'	33	40° 36'	40° 49'	1/2 W	43'	66° 43'	69° 04'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Sept ^r 6 th
1	2		N by E			Begins With Moderate Winds
2	1	1				& Pleasant Weather
3	2		N by E			All hands employed tending Cables.
4	2		N by E			At 6 P.M. Sounded in 30 fathoms
5	2	1	N 1/2 W			Water At 8 & 10 the Depth
6	3	1	N 1/2 W			About the same. bottom. grey sand
7	3	1				Middle fine Breeze & Pleasant
8	3	1				Soundings Altering from 40 to
9	3	1				20 fathoms. probably we were
10	4	1	N by E			near the Shoal.
11	4	1	N 1/2 W			latter part. Soundings more
12	4	1	N by S			regular. At 7 o'Clock set the top
1	4	1	N 1/2 W			& main top mast & top gallant
2	3	1	N by S			steering sails. At 9 o'Clock on the
3	3	1				South West part of the Bank.
4	3	1				This Day saw several shore Birds
5	4		N 1/2 W			At 10 A.M. Cleared away the
6	2					small lower anchor.
7	3		N by S			
8	4	1				
9	4	1				
10	3	1	N by S			
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
N 62 W	67'	32'	59'	41° 21'	41° 33'	1/2 W	1° 18'	68° 01'	70° 22' West.

Boston

H.	K.	H.K. Courses.	Winds.	L.W.	Remarks on Tuesday Sept 7 th
1					Begins With Light Winds
2					& Pleasant Weather.
3					At 3 P.M. saw a Vessel on
4					the Lee Bow At 4 P.M.
5					sounded in 55 fathoms
6					this day Caught some fine
7					Mackerel.
8					Middle fine Breeze & Pleasant
9					sounded no bottom with 80 fathoms
10					At 7 A.M. hove too & sounded just
11					as we was filling away it being
12					very foggy was run foul by the
1					brig ^{Star} of Boston carried away
2					our spiritail yard, fore top mast
3					& top gallant steering sail booms,
4					& main top gallant back stay,
5					our anchor got foul of his larboard
6					bow cut away the banyards of his
7					fore rigging & it fell clear.

[illegible]

H.	K.	H. K.	Courses.	Winds.	L. W.	Remarks on Wednesday ^{Sept} 8
1						At 8 AM the Weather clear
2						saw a number of fishing boats
3						At 9 saw Cape Ann on our
4						starboard hand & the South
5						Shore on our starboard hand
6						At 10 the Pilot came on
7						board.
8						At 4 PM anchored in Boston
9						Wharves At 5 weighed anchor
10						& came off the coast.
11						At 12 weighed again & at
12						6 PM came to N India Wharf
1						Boston At 11 hauled in to
2						the Wharf At 5 PM we
3						were Discharge To end of
4						this Voyage.

[illegible]

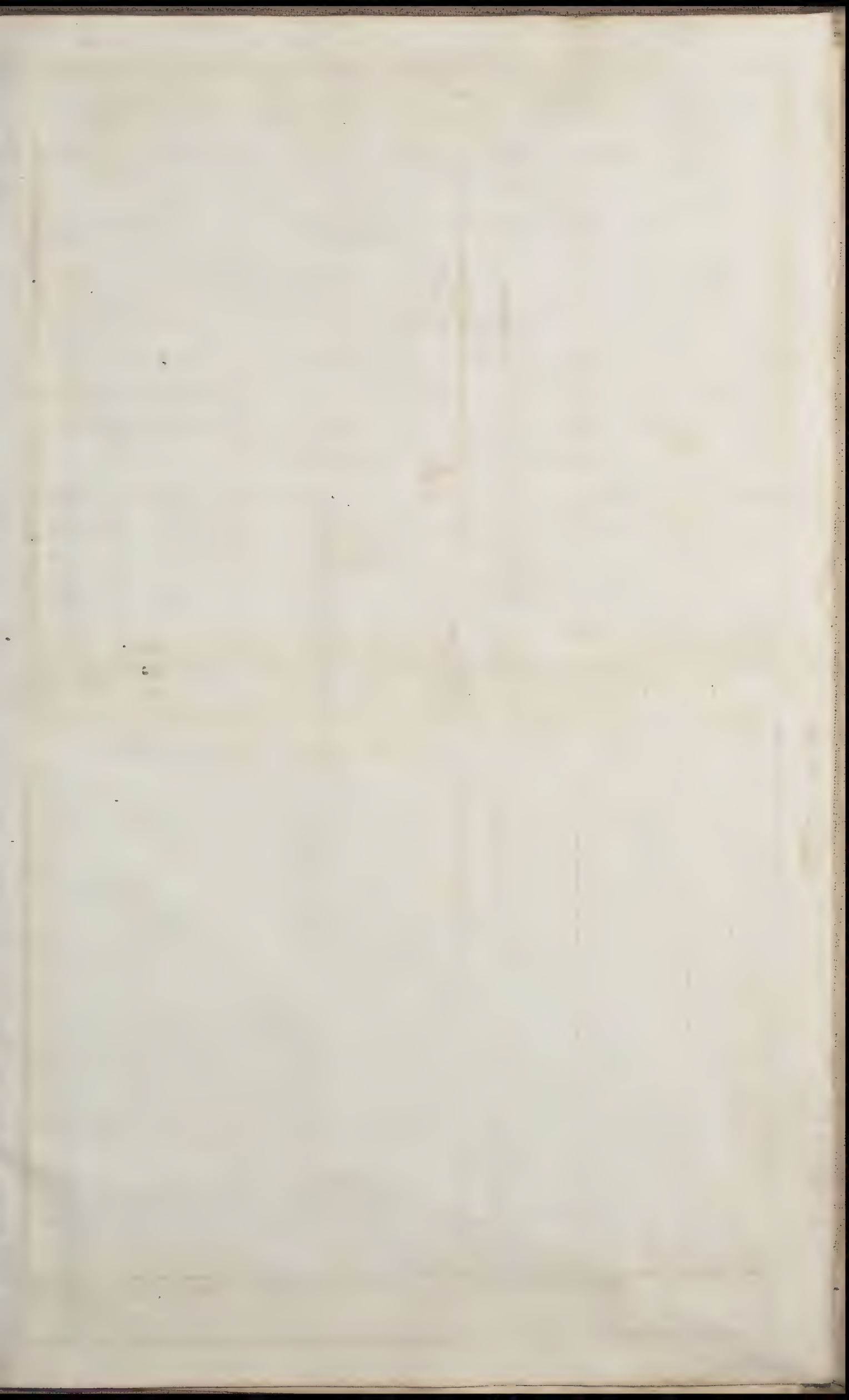
towards

H.	K.	H.K.	Courses.	Winds	L. W.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
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11						
12						

[illegible]

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1						
2						
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12						

[illegible]



Course & Distance from the Cape of Good Hope
in the Latitude of $34^{\circ}26'$ South Longitude $18^{\circ}23'E$
and the Island of St Helena, in the Latitude
of $15^{\circ}55'$ South and the Longitude $5^{\circ}51'$ West.

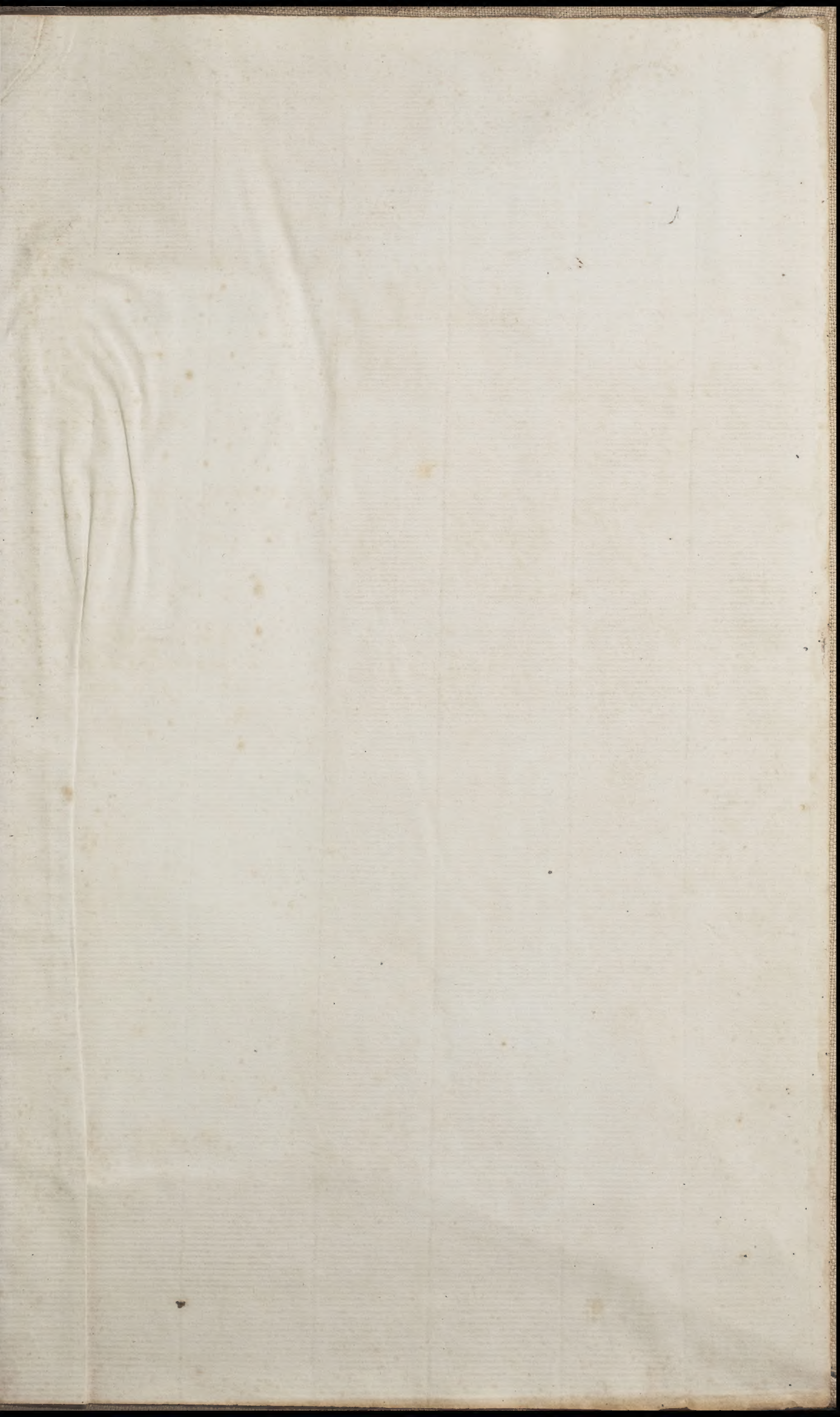
Lat of the Cape - $34^{\circ}26'S$ Meridional parts	Longitude of the Cape $18^{\circ}23'$
St Helena - $15^{\circ}55'S$ Meridional parts	St Helena - $5^{\circ}51'$
<u>$18^{\circ}31'$</u>	<u>$24^{\circ}14'$</u>
2203	60
<u>60</u>	<u>60</u>
Diff Lat 1111 in miles merid	Diff Long 1454 in miles
<u>1235</u>	<u>1716</u>

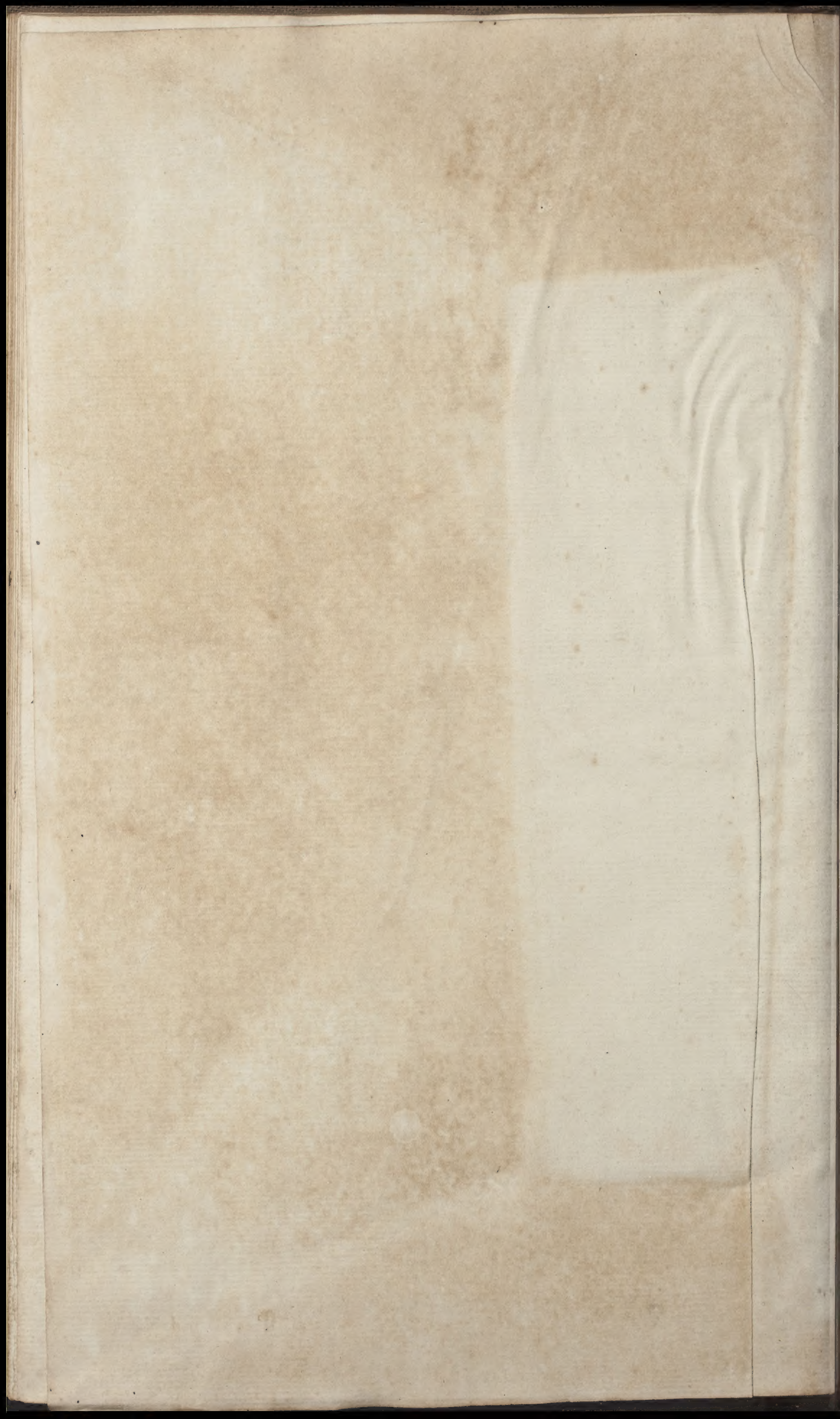
As merid Diff Lat 1235	Logarithms 3.09167	As Radius 45°	Logarithms 10.00000
is to Radius 45°	10.00000	is to Prop ^d Diff Lat 1111	3.04571
so is Diff Long 1454	3.16256	so is Secant of Course $49^{\circ}39'$	10.18879
to Tang of Course $N 49^{\circ}39' W$	<u>10.07089</u>	to the Distance 1716 miles	<u>3.23450</u>

Course & Distance from St. Helena, in the Latitude
of $15^{\circ}55'$ South. and the Longitude of $5^{\circ}51'$ West
and Cape Cod, in the Latitude of $42^{\circ}05'$ North
and the Longitude of $70^{\circ}04'$ West.

Latitude of St Helena $15^{\circ}55'S$	968 Mer Parts	Longitude of St.H $5^{\circ}51'$
Cape Cod $42^{\circ}05'N$	2788 Mer Parts	Cape Cod $70^{\circ}04'$
<u>$58^{\circ}00'$</u>	<u>3756</u> merid Diff Lat.	<u>$64^{\circ}13'$</u>
60		60
Lat 3480 in miles		Long in miles 3853

As merid Diff Lat 3756	Logarithms 3.57473	As Radius 45°	Logarithms 10.00000
is to Radius 45°	10.00000	is to Prop ^d Diff Lat 3480	3.54158
so is Diff of Long 3853	3.58580	so is secant of Course $45^{\circ}44'$	10.15613
to Tang of Course $N 45^{\circ}44' W$	<u>10.01107</u>	to the Distance 4986 miles	<u>3.69772</u>





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